CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Office, New York, N. Y., Three Hundred Thirty West 42nd St. Corp., takes bids in Spring, $22,500,000.

Sewers, New York, N. Y., Bd. Estimate & Apportionment, City Hall, retained engineers, $18,000,000-$20,000,000.

Factory, Baltimore, Md., Western Electric Co., $15,000,00.

Dam, Egypt, Egyptian Government, $10,000,000.

Hall of records, Camden, N. J., City Comrs., $6,000,000.

Power plant, etc., Abilene, Tex., West Texas Utilities Co., $5,000,000.

Cannery, California, S. J. Lubin, Sacramento, representing owner, $5,000,000.

Power plant, etc., Woodland, Wash., Northwest Electric Co., Portland, Ore., $5,000,000.

Plant, Seattle, Wash., Boeing Airplane Co., $4,000,000.

Hotel, Stamford, Conn., Shippan Point Hotel Corp., sketches, $4,000,000.

Hospital, New York, N. Y., Psychopathic Hospital c/o Bd. Trustees Bellevue & Allied Hospitals, $3,700,000.

Hotel and garage, Long Branch, N. J., W. H. Pawson, New York, sketches, $3,000,000.

Rayon plant, Charlotte, N. C., Rayon Co. of America, Wilmington, Del., $3,000,000.

Excavation, Prescott, Ont., Dpt. P. Wks., Ottawa, soon takes bids, $2,000,000. Total $5,000,000.

Irrigation, Cotulla, Tex., LaSalle Co. Water & Irrigation Dist., election soon, $2,000,000.

Golf club, etc., Marion, Mass., Devonshire Manor Sales Corp., New York, revised plans, $1,500,000.

Biological institution, Cambridge (br. Boston), Mass., Harvard College, sketches, $1,500,000.

Office, Vancouver, B. C., G. A. Stimson & Co., Ltd., $1,500,000.

Club house, Newark, N. J., Knights of Columbus, $1,500,000.

Apartment, Kansas City, Mo., C. O. Jones, $1,500,000.

Gas plants, Regina, Sask., Drake-Jones Co., seeking franchise, $1,500,000.

Apartment, New York, N. Y., Montoya Realty Co., $1,250,000.

Automatic signal installations, Kansas, Illinois and Louisiana, Missouri Pacific R.R., Co., St. Louis, Mo., $1,135,000.

Streets, Boston, Mass., City Council passes loan order, $1,100,000. Total, $1,900,000.

Exhibition, Toronto, Ont., Canadian Natl. Exhibition, competitive plans, $1,000,000.

School, Jersey City, N. J., Bd. Educ., revised sketches, $1,000,000.

Apartment, Mount Vernon, N. Y., R. B. Smith, New York, $1,000,000.

Office and theatre, Newark, N. J., Stanley Fabian Corp., $1,000,000.

Roads, Clarendon, Tex., Donley Co., election Nov. 21, $1,000,000.

Public Bond Elections, coming and decided, are listed on Construction News page 261.

Bank and office, Bloomfield, N. J., Bloomfield Trust Co., $1,000,000.

City Hall, St. Catherines, Ont., City, $1,000,000.

Bids Desired

Factory, Chicago, Ill., F. E. Davidson, archt., takes bids about Dec. 5, for owners, $1,000,000.

Contracts Awarded

Hydro-electric development, Springfield, Mo., Empire Electric Co. (subsidiary H. L. Doherty Interests, New York) by own forces, $16,700,000.

Bridge, Longview, Wash., Wesley Vandercook, secy., Columbia River Longview Bridge Co., to Bethlehem Steel Co., Pittsburgh, Pa., est., $5,000,000.

Road, Costa Rica, Government Costa Rica, San Jose to Simmons Constr. Corp., Charlotte, N. C., $3,000,000.

Apartment, Pittsburgh, Pa., Arlington Apartments, Inc. to Sumner-Sollitt Co., Chicago, Ill., est., $$2,000,000.

Hotel, Niagara Falls, Ont., General Brock Hotel Co., Ltd., to Pigott Constr. Co., Ltd., Hamilton, est., $1,000,000.

Docks and terminal, Walkerville, Ont., International Terminals, Ltd., Windsor to Merlo, Merlo & Ray, Ford City, $1,000,000.

College, Detroit, Mich., U. Frundt, chn. Building comn., c/o Duns Scotus College, Cincinnati, O., to W. E. Wood Co., est., $1,000,000.

Apartment, New York, N. Y., Malex Realty Corp., to H. R. H. Constr. Corp., est., $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

Mass., Wareham — See "Streets and Roads."

Mich., Ann Arbor—Extending waterworks, incl. c.i. trunk, lateral mains, auxiliary pumping equipment. $500,000. G. H. Sandenberg, City Hall, engr.

Illinois—Private Corp., c/o W. A. Fuller Co., engrs., 1912 Railway Exch. Bldg., St. Louis, Mo., soon takes bids impounding reservoir, 1 m.g. filter plant, 100,000 gal. steel tank on tower in each town 107,000 ft. 4- to 10-in. c.i. mains, 100 fire hydrants. $225,000. Noted Sept. 6.

Calif., Laguna Beach — Laguna Beach Co. Water Dist., P. O. 647, purchasing 1,500 ft. 4 in. and 500 ft. 6 in. c.i. Class B sand cast and centrifugal or alternate 1,500 ft. 8 in. and 500 ft. 6 in. c.i. pipe.

Que., Montreal—New pumping station in connection with waterworks. $700,000-$800,000. H. A. Terreault, city engr.

Ont., Belleville — City Council, concrete, brick filtration plant, piping, pumps, filters, valves. $50,000. Gore, Nasmith & Storrie, Confederation Life Bldg., Toronto, engrs.

Ont., Capreol—Town Council, pumps and deep wells, 3½ mi. 6 and 8 in. mains, 22 x 90 ft. high standpipe. $90,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Bids Desired

N. Y., Long Island City—Nov. 20, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in 52nd Dr., 52nd, 63rd, 78th, Ash and Goethals Aves., Austin, 66th, 83rd, 96th, 164th, 295th, 216th and 243rd Sts.

N. Y., New York—Nov. 20, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Bronx and Pelham Parkways, Fordham, Gun Hill and Kingsbridges Rds., Moshoulu and Tibbetts Aves., East 179th, East 233rd, and West 167th Sts., Bronx Boro.

N. J., Newark—Dec. 6, by North Jersey Dist. Water Supply Com. Wanaque Aqueduct, incl. 164,000 ft. 72 in. steel pipe line with appurtenances. Fuller & McClintock, 170 Bway., New York, engrs. Noted July 26.

O., Youngstown—Dec. 5, at office Secretary Bd. Directors Mahoning Valley Sanitary Dist., 901 City Bank Bldg., clearing, grubbing Meander Creek Reservoir. W. H. Dittoe, ch. engr.; adv. E. N.-R. Nov. 15.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.) according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ind., Evansville — Nov. 26, by Bd. Trustees Waterworks Dpt., 3rd and Walnut Sts., extensions, additions to waterworks. J. C. Males, secy.

Ont., Blind River — Nov. 21, by M. L. Dyke, town clk., 1200 imp. g.p.m. engine driven, 3 stage centrifugal pump with valves, fittings, venturi meter and accessories. $10,000. F. A. Dailyn, 71 King St. W., Toronto, engr.

Contracts Awarded

Massachusetts—Towns of Harwich, Chatham, Dennis and Yarmouth, new central waterworks, to Chase & Gilbert, engrs., 250 Stuart St., Boston, by separate contracts. Est. exceeds $15,000. Noted Sept. 6.

Mass., Cambridge (br. Boston) — City Water Bd., J. J. Scully, chn., Water Bd., 1 story, brick pumping station, plain found., to J. Slotnick, 199 Washington St., Boston, $41,000. Noted Sept. 20.

Mass., Waltham (Ind. br. Boston)—Dpt. Mental Diseases, Boston, 13,900 lin.ft. 6- to 10-in. c.i. water pipe, backfilling, at Metropolitan State Hospital, to Federico & Susi, 45 Wales Pl., Dorchester, $18,606. Noted Mar. 1.

N. Y., Harrison — Bd. Trustees Joint Water Works 1, 8 Elm St., Mamaroneck, extending mains from Mamaroneck pumping station to North St. and Pleasant Ridge Rd., to Ferrerini Annarrelli & Co., 344 Mamaroneck Rd., Mamaroneck. Noted Oct. 18.

N. Y., Long Island City—J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Queens Blvd., 41st, 45th, 48th and 50th Sts., to Grippo Contg. Co., 85 Webster Ave., $10,032.

N. Y., New York — J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Peters Pl., Boston Rd., Coddington, Decatur and Fish Aves., to Riverdale Water Works Corp., 1 Riverdale Ave., $7,700. Noted Nov. 1.

Fla., Palmetto—City Comrs., generating unit, incl. 120 hp. oil burning engine, two 500 gal. low lift, one 350 gal. and two 50 gal. high lift centrifugal pumps, to Fairbanks-Morse Co., Beloit, Wis., $17,000; General Electric switchboard and installation, to Palmetto Electric Co., Palmetto; water pipe lines connecting plant with city

See proposal advertising on page 127

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TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

Eliminating Repairs and Maintenance Costs

TRENTON WATER WORKS, Trenton, N. J., has been using Leadite for making joints in c. i. bell and spigot water mains for a great many years with entire satisfaction.

They have laid nearly 75 miles of c. i. pipe of various sizes with Leadite joints.

Trenton has very good paved streets and they have never had to dig up a Leadite joint for repairs during all the time they have been using Leadite. They consider this excellent performance for Leadite joints.

They find the use of Leadite has reduced to a minimum repairs and maintenance costs.

Trenton Water Works has always found Leadite joints efficient and economical.

They keep a check on their distribution system by water waste surveys.

During the severe winter of 1917-18 Trenton Water Works had over 2000 frozen services. Many of these services were connected to mains laid with Leadite joints. They had no difficulty in thawing, with electrical apparatus, services connected with mains which were laid with Leadite joints.

Mr. Alvin Bugbee is Superintendent of the Trenton Water Works.

Specify and use LEADITE It saves at least **75%**

Be sure it is LEADITE and accept no imitations

The pioneer self-caulking material for c. i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . Land Title Building . . PHILADELPHIA, PA.

NO CAULKING

Waterworks (Continued)

mains, to H. A. Butler, Sarasota, $9,400. Noted Oct. 4.

Miss., Calhoun—Mayor and Bd. Aldermen, 28,830 ft. 2 and 6 in. c.i. mains, 15 fire plugs, 50,000 gal. tank on tower, to H. A. Forrest, 918 Short St., New Orleans, La. Noted Oct. 4.

Miss., Decatur—Waterworks and sewers, to McCrary Eng. Corp., Bankhead Ave., Atlanta, Ga., $14,710 and $14,426 respectively; deep well, to Layne Central Co., Jackson, $3,927; tank and tower, to Chattanooga Boiler & Tank Co., 1011 East Main St., Chattanooga, Tenn., $4,000; valves and hydrants, to Columbia Iron Wks., 811 Boyce St., Chattanooga, Tenn., $641. Grand total $37,704. Est. $45,000. Noted Oct. 4.

Mich., Detroit — Dpt. Water Supply, Water Board Bldg., 84 and 96 in. venturi meters, to Builders Iron Fdry., 9 Codding St., Providence, R. I., $14,616.

Mich., Detroit—Bd. Water Comrs., motor driven pumping unit for Fenkell Ave. Booster Station, to Worthington Pump & Mchy. Corp., 2 Park Ave., New York, $5,600. Noted Oct. 4.

Ill., Chicago—Bd. Local Impvts., c.i. water supply pipes, specials, castings, fire hydrants, valves, brick valve basins in 1 alley, West 43rd, 45th, 47th, and 51st Sts., Archer, Caldwell, Jean, Wildwood, Tonty, Lehigh, South Cicero, La Crosse, Lamon, La Porte, Lavergne, Lawler, Leclare, Leamington and South Laramie Aves., to S. Ryan, 2927 West Congress St. Noted Oct. 18.

Tex., Archer City—For 21,650 ft. 6 and 8 in. c.i. mains, 100,000 gal. elevated tank, concrete reservoir, to Roebeck-Humphrey Co., Omaha, Neb., $33,000. Noted Nov. 8.

Wash., Bellingham—City Council, 11,000 ft. 48 in. wood intake pipe at Lake Whatcom, to Johnson & Johnson, Bellingham, $15,485.

Calif., Upland—San Antonio Water Co., two 1 m.g. rein.-con. reservoirs, to H. G. Klusman, Cucamonga, $21,550.

Sewers

Proposed Work

Mass., Waltham (Ind. br. Boston)—City Council appropriated $25,000, sewer work.

Mass., Wareham — See "Streets and Roads."

N. Y., New York—Bd. Estimate & Apportionment, City Hall, retained Fuller & McClintock, engrs., 170 Bway., to prepare plans sewage treatment plant, Ward Island. $18,000,000-$20,000,000. Noted Aug. 23.

N. J., Bradley Beach—Bd. Boro Comrs., Boro Hall, 2 septic tanks, one at Ocean Park and Ocean Ave., other at Evergreen and Ocean Aves. $150,000.

N. J., Clifton — Bd. City Council, City Hall, sanitary sewer in Allwood Sect. $50,000. J. L. Fitzgerald, city engr.

N. J., Elizabeth—Bd. Pub. Wks., City Hall, preliminary plans storm sewerage system in Elizabeth Ave. to Trumbull St., Smith St. to water front, East Jersey and Pine Sts. $500,000. T. Collins, city engr.

N. J., Irvington (br. Newark)—Bd. Town Comrs., Town Hall, constructing, enlarging supplemental joint trunk sewer. $178,000. I. J. Casey, Jr., town engr.

N. J., Oradell—Bd. Boro Council, Boro Hall, sanitary sewerage system in 2nd Hill Dist. $100,000. F. J. Campbell, 167 Main St., Hackensack, boro engr.

Md., Baltimore—Bd. Awards, rejected bids Oct. 10, sanitary sewers in Sewer Dist. G-1, Contr. 254. M. J. Ruark, sewerage engr.

O., East Liverpool — Bd. Control, bids early in 1929, sanitary sewerage system in Maplewood, Park Blvd. and Beechwood. $50,000. F. Clapsaddle, East Liverpool, engr.

Ill., Chicago—Sanitary District of Chicago, 910 South Michigan Ave., preliminary plans intercepter sewer extending drainage and sewage relief to Oak Park, Berwin, Stickney and Forest Park. $7,000,000. T. J. Crowe, pres.

Mo., California—Soon takes bids 28,000 ft. 8 in. vitr. clay sewers. $35,000. Russell & Axon, 1945 Ry. Exch. Bldg., St. Louis, and 408 McDaniel Bldg., Springfield, engrs.

Mo., St. Louis—Preliminary plans reconstructing sewers in Louisa St. $26,583; dressed granite block repaving Clark Ave. between 12th and 14th Sts., $10,000. W. W. Horner, City Hall, engr.

Tex., Houston—Sewerage system in Memorial Park. $55,000. J. C. McVea, city engr.

Tex., Paris — City, c/o J. M. Crook, mayor, sewerage system, incl. disposal plant. $250,000. Hawley & Frees, 411 Capps Bldg., Ft. Worth, engrs.

Okla., Chickasha—Sewers in Sewer Dist. 66. To exceed $25,000. R. O. Bradley, Chickasha, engr.

Ont., Capreol—For 20,000 lin.ft. 8 in. and up vitr. tile sewerage system. $60,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs. Noted Nov. 8.

Ont., Sarnia—City Council, 4-5 mi. 8 in. and up vitr. tile sewer in College Ave. $150,000. W. B. Beatty, City Hall, engr.

Ont., Sarnia—Council extending sewers, watermains to Point Edward via College St. $150,000. W. B. Beatty, City Hall, engr.

Ont., Saulte Ste. Marie—For 18, to 36-in. vitr. tile sewers in St. Georges Ave., Queen, John, North and Bloor Sts. $66,200. A. H. Russell, City Hall, engr.

Bids Desired

N. Y., Brooklyn—Nov. 21, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewers in East 95th and Newport Sts.

N. J., Union—Nov. 19, by Twp. Comn., Town Hall, 4,780 ft. 8 in. sanitary sewers in Morrison Ave. Former bids rejected. $35,000. H. Kreh, Falls Bldg., twp. engr. Noted Nov. 1.

Pa., Phila.—Nov. 21, by Dpt. P. Wks., Bureau of Engineering & Surveys, Schedule A, branch sewers in 65th and Hasbrook Aves., Coulter, Courtland, Devereaux, 8th, Gerritt, H, Juniper, Knorr, Moore, 20th, Sterling, Renovo and 21st St.; Schedule B, main sewer in Knorr St.; Schedule C, wooden foot bridge over Pennsylvania R.R. tracks on 17th St. line; Schedule D, sewage disposal for Upper Delaware Collecting Sewer.

Ala., Mobile—See "Streets and Roads."

Mich., Detroit—Nov. 21, by Dpt. P. Wks., monolithic concrete sewers in tunnel, 2,740 ft. 7 ft. to 4½ ft. cylinder in Harper Arm, West of Marseilles in Harper Ave.; 1,519 ft. 4 ft. and 3 ft. 9 in. cylinder in Harper Arm, East of Marseilles in Harper Ave.; 1,990 ft. 4½ ft. to 3½ ft. cylinder in Morang Ave. Arm North of Harper in Morang Ave.; 2,537 ft. 5½ ft. to 2 ft. 9 in. cylinder in Paul Ave. Arm, Sect. 2, East of Southfield Ave. in Paul Ave.; 2,720 ft. 7 ft., 6 ft. 9 in. and 4½ ft. cylinder in Paul Ave. Arm, Sect. 1, East of Southfield in Paul Ave.; 4,638 ft. 7 ft. 9 in. to 6 ft. and 2½ ft. cylinder in River Rouge Interceptor E., Sect. 9, in Schoolcraft, Lamphere and Lyndon Aves. P. A. Fellows, City Hall, city engr.

Ill., Chicago—Nov. 22, by M. J. O'Brien, clk. Sanitary District of Chicago, 910 South Michigan Ave., Racine Avenue Sewage Pumping Station, Div. A. T. J. Crowe, pres.

Mo., St. Louis—Dec. 4, by Bd. P. Serv., City Hall, 32 ft. rein.-con. horseshoe sewer in Sect. 1 of River Des Peres Project. $1,050,000. W. W. Horner, City Hall, engr.

Calif., Sacramento—Nov. 22, by H. G. Denton, city clk., 3 mi. 72 in. trunk line sewer with lateral connections in North B St. between 7th and 17th Sts. $300,000. B. C. Clark, city engr. Noted Oct. 25.

Ont., Toronto—Nov. 27, by S. McBride, mayor, Parkdale Relief Sewer in Boulevard Dr., MacDonell Ave., Dufferin and Queen Sts., concrete or concrete and brick. $150,000. R. C. Harris, City Hall, engr.

Contracts Awarded

N. Y., Brooklyn—Brooklyn Ash Removal Co., at office Street Cleaning Dpt., Municipal Bldg., New York, incinerators at (1) Gowanus Canal (2) Newtown Creek (3) Avenue J, to Hiler Eng. & Contg. Co., 122 Livingston St. (1) $380,000 (2) $380,000 (3) $364,000; chimneys to M. W. Kellogg, 71 Dey St., New York (1) $31,000 (2) $32,800 (3) $32,000. Grand total $1,218,800. Noted Nov. 1.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to S. Guerriero Co., 1024 6th St., sewer in Glenwood Rd. $3,278, Midwood St. $3,278, West 8th St. $2,291; to J. Picone Contg. Co., 18th St., Highland Ave., $1,290. Grand total $10,137. Noted Oct. 25.

N. Y., Long Island City—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., to P. J. Greenough, 9919 Guilford Ave., Forest Hills, sewer in Bliss St. $1,597, Laurel Hill Blvd. $4,005, Beddard St. $2,227, 106th St. and Sutter Ave. $1,533, 121st St. $1,261; to Lione Constr. Co., La Forge St. $1,975, 6th Ave. $3,667, 77th St. $835; to M. Paino, 32 Court St., Brooklyn, 68th St. $1,956, Van Horn St. $3,456; to J. D. Walsh, 132 4th St., Brooklyn, Crocheron Ave. $921; to Peace Bros., Inc., 57 North Lawrence St., Flushing, 172nd St. $1,979; to J. DeGregory, Brinkerhoff Ave. $63,882, Beach 136th St. $116,837; to Catapano & Ambrosio, 1016 60th St., Brooklyn, 108th St. $6,030; to Angelo Paino Constr. Co., 9215 Union Hill, Jamaica, Tuckerton St. $96,734, Sutphin Blvd. $72,598. Grand total $381,493. Noted Oct. 18.

N. J., Hillside (br. Elizabeth) — Twp. Comn., Municipal Bldg., storm sewer in Sect. 1, to Decker & Canning, Falls Bldg., Union, $457,123. Est. $546,916. Noted Nov. 1.

Miss., Flora—For 35,000 ft. 6- to 10-in. sewers, 1 rein.-con. septic tank, to Dodson Humphries, Lincoln, Neb., $17,984 and $3,560 respectively. Noted Oct. 25.

Ky., Sturgis—Sewers, disposal plant, to Christianson Bros., Urbana, Ill. Est. exceeds $25,000. Noted Oct. 18.

O., Garfield Heights (br. Cleveland) — Concrete sewer in Henry St., to Carroccio, Gaudio & Nero, 14109 Benwood Ave., Cleveland, $41,116.

Ill., Chicago—Sanitary District of Chicago, 910 South Michigan Ave., 21 branch sewers, Salt Creek Intercepting Sewer, Contr. 4, to T. J. Prendergast Co., 192 North Clark St., $170,960. Noted Oct. 18.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., Nov. 8, from General Contractors, 4728 Lisbon Ave., sewer in Auer Ave. $6,531, Burrell Ave. $1,505, 37th Ave. $1,775, Dixon St. $1,620, Stevenson St. $313, from Zimmermann & Zimmermann, 2826 State St., 18th St. $8,199, Locust St. $11,899; from Clayton Constr. Co., Port Washington Rd., Main St. $14,980; from H. Hohensee, 1282 10th Ave., 75th St. $14,305, 32nd St. $1,220; from Werner Co., 728 8th Ave., Wauwatosa, 73rd St. $15,068.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., sewers in Main St., to Ribbens Bros., 2415 Richards St., $2,260; Mt. Vernon Ave., to Kehrein Bros., 1096 23rd St., $912; 62nd St., to Wenzel & Henoch, 498 27th St., $8,771; 63rd St., to Wisconsin Sewer Constr. Co., 146 30th St., $11,815; 67th St., to F. A. Goll, 223 18th St., $11,409; 68th St., to Klump & Johnston, St. Francis, $10,636. Grand total $45,803.

Ark., Sheridan—City, c/o W. F. Wafford, mayor, 32,775 ft. 6- to 12-in. concrete sewers, 62 manholes, 8 flushtanks, 1 sludge drying bed, to L. L. McEachin Constr. Co., 714 Home Insurance Bldg., Little Rock $35,098. Est. $38,000. Noted Sept. 6.

Tex., Archer City—For 1,250 ft. 10 and 12 in. c.i. and 16,861 ft. 6- to 12-in. vitr. tile sewers, sewage treatment plant, to Roebeck-Humphrey, Omaha, Neb., $38,080. Noted Nov. 8.

Tex., San Antonio—Sewer mains, laterals in Palm Heights Addition, to Kirkwood, Wharton & Lee, 456 Main St., $41,821. Noted Nov. 1.

Calif., Los Angeles — Los Angeles Co., 6.12 mi. cement sewers, manholes, Impvt. 767, Lennox Unit 1, to J. W. Henderson & B. D. Zaich, 106½ South Glendale Ave., Glendale, $47,866. Noted Nov. 8.

Ont., Toronto — Sewers in Erskine Ave. and Yonge St. Sects. J-K and L-M, to National Contg. Co., 9 Garnock Ave., $17,680; Chatsworth Dr., Brownlaw and Falcon Aves., to J. Formica, 2147 Dufferin St., $5,475; Redpath Ave., to A. Cavotti, 941 College St., $8,000; Roselawn Ave., to Maguire Contg. Co., 172 Eglinton St. W., $6,453; 3 streets, 3 avenues and Jedburgh Rd., to W. E. Taylor, 22 Falcon St., $25,402; Bathurst St. and lane south of Dundas St., to owner, by day labor, $9,229. Grand total $70,139. Est. $65,000.

Ont., Windsor—For 2 mi. 8 in. and up vitr. tile sewer in Memorial Park Subdivision, to Calloutti Bros., 612 Langlois Ave. Est. $48,000.

Waste Disposal

Proposed Work

N. Y., Brooklyn—Brooklyn Ash Removal Co., 26 Court St., plans by T. E. Murray, 55 Duane St., New York, 3 story, 139 x 200 ft., brick, concrete incinerator. East 57th St. and Flatlands Ave. $400,000.

Bids Desired

Tex., San Angelo—City taking bids incinerator. $25,000. Address E. V. Spence, city mgr.

Contracts Awarded

Mass., Worcester—City, Bd. Health Dpt., T. F. Kenney, incinerator plant, Albany St., to Decarie Incinerator Co., 342 Madison Ave., New York, $99,295.

Bridges

Proposed Work

N. Y., Huntington—Bd. Supervs. Suffolk Co., Griffing Ave., Riverhead Bridge, on Mill Dam Rd., near Halesite. $25,000. A. O. Smith, Port Jefferson, co. hy. supt.

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Draw Your Own Conclusions

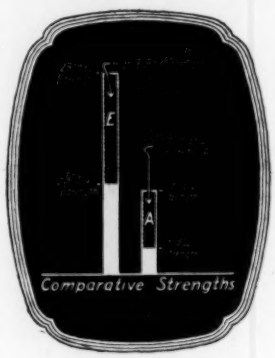
From These Actual Job Tests

Concrete as commonly mixed and placed reaches a compressive strength of about 2000 pounds per square inch in 28 days. The following examples show what you can accomplish with the standard grade of Universal cement in a fraction of this time.

2494 lb. concrete in 3½ days
Heavy-Duty Foundry Floor
Du Bois, Pa.
Alfred Johnson, Du Bois, Pa., *contractor*

2780 lb. concrete in 3 days
Street Pavement
Lake Forest, Ill.
Johnson & Anderson, Chicago, *contractor*

2255 lb. concrete in 65 hours
Bridge Floor
Minot, N. Dak.
P. L. Elliott, Minneapolis, *contractor*



2047 lb. concrete in 20½ hours
Highway Pavement
Amnicon Falls, Wis.
A. N. Nelson, Duluth, *contractor*

2655 lb. concrete in 2½ days
Sewer (*Intercepting Chamber*)
Chicago Sanitary District
E. J. Albrecht, Chicago, *contractor*

2115 lb. concrete in 3 days
Roof Slab (*A Winter Job*)
Morgantown, W. Va.
Consolidated Construction Co.,
Wheeling, W. Va.

4387 lb. concrete in 3 days
Street Intersection
Downers Grove, Ill.
A. E. Bounsall, Kenosha, Wis., *contractor*

3303 lb. concrete in 7 days
Manholes for Conduit
Chicago (*Commonwealth Edison Co.*)
Bates & Rogers Construction Co.
Chicago—Cleveland

When You Get One, You Get All Three

1. *Strong concrete in 3 days*

With the usual materials, usual equipment, usual labor and usual Universal cement, you can secure at 3 *days*, concrete that is stronger than ordinary concrete at 28 *days*.

2. *Permanently stronger concrete*

As shown in the diagram above, *High-Early-Strength* Universal Concrete not only has a high 3-day strength but is *permanently stronger* than concrete as ordinarily mixed and placed.

3. *Denser and more durable concrete*

In addition, the methods by which *High-Early-Strength* Universal Concrete is obtained produce a denser and more durable concrete.

Description of methods for securing on the job strengths comparable to any of those shown above will be sent on request.

A Brand New Booklet—
Mail the coupon for your copy

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Bridges—(Continued)

N. J., Freehold — Bd. Freeholders Monmouth Co., Court House, preliminary plans several rein.-con., steel bridges. $100,000. Allen & Randolph, 60 Broad St., Red Bank, co. engrs.

Fla., Jacksonville—See "Unclassified."

Mich., Port Huron — Grand Trunk Ry., 400 East Jefferson Ave., Detroit, J. A. Heaman, ch. engr., 300 ft. steel truss bridge over Black River, on 15th St.

Tex., Beaumont—Jefferson County, and Kansas City Southern R.R. Co., A. N. Reece, ch. engr., Kansas City, Mo., highway and railroad bridge over intracoastal canal near Gulf Refinery plant, outside city limits. $400,000. Jefferson Co. plans election at once to vote on bonds for its portion of cost.

Tex., Big Springs—City, Howard Co., and Texas & Pacific Ry. Co., E. F. Mitchell, ch. engr., Dallas, soon take new bids 250 ft. steel span, timber, concrete viaduct across railroad tracks on Hy. 1. $125,000. Hy. Dept., Austin, granted $25,000 toward cost. Address H. R. Davenport, Big Springs, co. judge. Noted Aug. 9.

Oklahoma—State Hy. Comn., Oklahoma City, preliminary plans 160 ft. rein.-con. bridge over East Beaver Creek, near Walters, Cotton Co., to exceed $25,000; 125 ft. rein.-con. bridge on Hy. 19, near Center, Pontotoc Co., $25,000. C. R. Mandigo, state hy. engr.

Okla., Lawton—F. P. Aycock, clk. Comanche Co., rejected bids Oct. 29, 3 span 76 ft., steel truss and 2 I-beam span bridge. $30,000. S. Joyner, Lawton, engr.

Colo., Buelah—See "Streets and Roads."

Bids Desired

N. Y., New York—Nov. 21, by A. Goldman, comr., Plant & Structures, Municipal Bldg., New York, reinforcement, reconstruction Kisco River Bridge, over Kisco River.

Pa., Phila.—See "Sewers."

Louisiana—Nov. 20, by State Hy. Comn., Baton Rouge, 120 ft. steel truss span and one timber abutment pier additional to bridge (under construction) over Red River, Rapides Parish. J. M. Fourmy, Baton Rouge, ch. engr.

Ky., Louisville—Dec. 12, by Louisville Bridge Comn., City Hall, approaches to bridge over Ohio River. R. Modjeski & F. M. Masters, Keystone Bldg., Harrisburg, Pa., engrs.; adv. E. N.- R. Nov. 15.

Ohio—See "Streets and Roads."

Kan., Wellington — Dec. 3, by J. A. Alexander, clk. Sumner Co., Court House, four 7 ft. multiple box span bridge, 33 ft. wide, three 8 ft. multiple box span bridge, 30 ft. wide, four 45 ft. deck girder span bridge, 20 ft. wide, also 1,700 cu.yd. channel change, Kansas Project 667-B, Road K-49; seven 8 ft. multiple box span bridge, 30 ft. wide, six 40 ft. deck girder span bridge, 24 ft. wide, Kansas Project 727. G. Roseberry, Court House, engr.

Montana—See "Streets and Roads."

Texas—Nov. 20, by G. Gilchrist, state hy. engr., Austin, rein.-con., steel bridges on Hy. 114, Dallas Co., $153,000, C. L. Williford, Dallas, resident engr.; timber pile trestle bridges on Hy. 8, Hardin Co., $86,400, J. Douglas, Houston, div. engr.

Texas—Nov. 20, by G. Gilchrist, state hy. engr., Austin, 6 rein.-con. bridges over 20 ft. span, on Hy. 12, Goliad Co. $39,600. H. C. Porter, Goliad, resident engr.

Colo., Denver—Nov. 20, by Dpt. Impvts. & Parks, rein.-con. bridge over Cherry Creek, on Washington St. A. K. Vickery, City Hall, engr.

Calif., Hamilton City—Nov. 28, by State Hy. Comn., Sacramento, bridge to have one 40 ft. 8½ in. structural steel, timber lift span on concrete pile bent and four 19 ft. timber span on r.w. pile bents over Glenn-Colusa Irrigation Canal, Glenn Co. C. H. Purcell, P. Wks. Bldg., Los Angeles, engr.

Contracts Awarded

N. J., Belvidere—Warren Co., Court House, rein.-con., steel bridge over Bulgings Brook, to S. S. Thompson & Co., 170 Monmouth Ave., Red Bank, $55,167.

Alabama—State Hy. Comn., Montgomery, bridges on S-357 Calhoun and Cleburne Counties, to J. Graham, Montgomery, $8,354—culverts on same project, to W. J. Bryson Paving Co., Jacksonville, Fla., $36,553—bridges S-293-294 Montgomery Co., to E. Pettus, Montgomery, $52,256—culverts on same project, to Winter Constr. Co., Montgomery, $43,028. Grand total $140,191. Noted Oct. 18.

Kentucky — State Hy. Dept., Frankfort, sub-structure bridge over Cumberland River on Blackmont-Cardinal Rd., Bell Co., to F. W. Graham Co., Pineville, $24,022; bridge over Simpson Creek, Nelson Co., to J. V. Schickli, 1837 Greenwood St., Louisville, $15,169. Noted Sept. 13.

Kentucky — State Hy. Dpt., Frankfort, bridges in Lincoln Co., to Phelps Constr. Co., Somerset, $11,548; in Logan Co., to H. V. Hay, Booneville, Ind., $14,668. Noted Oct. 4 under "Streets and Roads."

Illinois—State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, bridges in Vermilion Co., to W. C. Meneely Co., Monticello, $27,787—Schuyler Co., to Pittsburg Des Moines Steel Co., Tuttle and Southwest 10th St., Des Moines, Ia., $29,727—St. Clair Co., to C. H. Atkinson Paving Co., Watertown, S. D., $48,693. Grand total $106,207. Noted Sept. 20.

Iowa — State Hy. Comn., Ames, to P. Jayne, Cedar Rapids, bridges in Jones Co., $13,998—to Jensen Constr. Co., Kimballton, Keokuk Co., $44,840—to Wilson Concrete Co., Red Oak, Marion Co., $19,500; Mills Co. $2,366; culverts in Wayne Co., $2,761—to E. C. O'Hair, Thompson, Chickasha Co., $7,572—to Snyder & Johnson, Humboldt, Dallas Co., $3,395—to Wickham Bridge & Pipe Co., Council Bluffs, Dickinson Co., $853—to H. T. Stillman, Ames, Marion Co., $6,600. Grand total, $102,085. Noted Oct. 25.

Ia., Rockwell City—Calhoun Co., high truss bridge, approaches, to Lundgren-Reis Co., 125 College St., Des Moines, $32,246.

Kan., Paola—Miami Co., 3 bridges on Project 73-E, 18, Federal Aid Project 213-B and C, to Leavenworth Bridge Co., Leavenworth, $16,254—bridges on Project 7-19, Federal Aid Project 293-D and E, to Western Bridge Co., Harrisonville, Mo., $28,432. Noted Oct. 11.

North Dakota—See "Streets and Roads."

Mo., St. Louis—Bd. P. Serv., City Hall, timber deck and new railroad tracks for southern railroad approach to St. Louis Municipal Bridge, to Frazier-Davis Constr. Co., Arcade Bldg., $202,956.

Wash., Longview — Wesley Vandercook, secy., Columbia River Bridge Co., Longview-Ranier Bridge over Columbia River, 3,642 ft. long, 2,278 ft. approaches, 24 ft., to Bethlehem Steel Co., Oliver Bldg., Pittsburgh, Pa. Steel fabrication for above, to Wallace Steel & Bridge So., Seattle; approaches, to Pacific Bridge Co., East Salmon St., Portland, Ore. Total est. $5,800,000. Noted Feb. 9.

California—C. H. Purcell, state hy. engr., Sacramento, widening rein.-con. bridge over Prima Deschecha Canada, Orange Co., to Oberg Bros., Los Angeles, $32,340. Noted Oct. 18.

Dams

Proposed Work

Wash., Woodland—See "Buildings—Industrial."

Contracts Awarded

N. J., North Caldwell (mail Caldwell)—J. D. Armitage, 105 West 40th St., New York, 344 ft. rein.-con. dam 9 to 12 ft. high, to J. L. Sigretto & Sons, Inc., 1324 North Broad St., Hillside. Est. $25,000.

Va., Snowden — See "Buildings — Industrial."

Railways

Proposed Work

New York and New Jersey—West Shore R.R. Co. (subsidiary New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York), 4 tracking line from Dumont, N. J., to Tappan, N. Y.

Kansas and Colorado — Missouri Pacific R.R. Co., Railway Exch. Bldg., St. Louis, Mo., H. A. Hadley, ch. engr., T. W. Cheatum, supt. Colorado Div., Osawatomie, Kan., replacing 120 mi. 90 lb. steel rails between Shields, Kan., and Sugar City, Colo. Contract for 15,000 tons rails, to Colorado Fuel & Iron Co., Pueblo, Colo.

Missouri—Missouri Pacific R.R. Co., E. A. Hadley, ch. engr., St. Louis, 10 mi. railroad in Scott and Cape Girardeau Counties.

Arkansas — See "Buildings Industrial" under Rogers, Ark.

Texas—W. T. Eldridge, Sugarland, purchased Uvalde & Northern R.R. Co., with 37 mi. railroad line from Uvalde to Camp Wood, plans extending 65 mi. standard gauge line from Camp Wood to Menard. $200,000. Private plans.

Washington—Sound Timber Co., Everett, 7 mi. logging railroad along Sauk River.

California—Southern Pacific Co., G. M. Boschke, ch. engr., 65 Market St., San Francisco, 6.06 mi. railroad from Kerman to Viola, Fresno Co. $252,379.

Contracts Awarded

Kansas and Colorado — See "Proposed Work."

Missouri—See "Bridges under St. Louis."

Airports

Proposed Work

AIRPLANE HANGAR—**Cleveland, O.**—U. S. Air Line Corp., c/o H. Pennington, Union Mortgage Bldg., plans by Hadlow, Hughes, Hick & Conrad, Union Mortgage Bldg., 1 story, 100 x 120 ft., brick, steel, airport grounds. $100,000. Noted Oct. 25.

AIRPORT—**Los Angeles, Calif.**—Fokker Aircraft Corp., 110 East 42nd St., New York, aircraft plant. $750,000.

Bids Desired

HANGAR — **Miami, Fla.** — Nov. 19, by City, c/o Aviation Dpt., hangar at municipal air field. Noted Nov. 8.

Contracts Awarded

AIRPLANE HANGAR, SCHOOL, etc.—**Anglum, Mo.** — Robertson Aircraft Corp., F. H. Robertson pres., 100 x 120 ft., brick walls, steel truss airplane hangar, 30 x 70 x 120 ft. flying school, incl. office, Lambert, St. Louis Flying Field, to J. S. Alberici, 1119 Boatmans Bank Bldg., St. Louis.

HANGAR and MACHINE SHOP — **Detroit, Mich.**—Dpt. P. Wks., City Hall, 1 story, brick, steel, plain found., Lynch Rd., to Pine Munnecke Co., 510 Murphy Bldg., $52,025. Noted Sept. 13.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Tex., Donna — J. C. Engleman, Donna, irrigating 8,000 acre site, incl. constructing canals, 2 pumping plants, 2 reservoirs. $80,000. Private plans.

Calif., Ventura—Ventura Co., rock faced levees on Santa Paula Creek, incl. 22,000 cu.yd. embankment, 35,000 sq.ft. rock facing below 8 ft. datum, 51,000 sq.ft. rock facing above 8 ft. datum, 13,000 cu.yd. spoil bank dredging. C. W. Petit, Ventura, co. surv.

Ont., Prescott—Dpt. P. Wks., Parliament Bldgs., Ottawa, K. M. Cameron, ch. engr., soon takes bids harbor development, incl. concrete wharfs, $2,000,000. Plans later grain elevators, railroad sidings. Total $5,000,000.

Bids Desired

Kan., Wellington—See "Bridges."

Tex., Brownsville — Dixie Development Co., c/o A. R. Jones, 900 Land Bank Bldg., Kansas City, Mo., taking bids irrigating 20,000 acres, constructing pumping plant on Rio Grande River, also canal, distribution system in Laguna Vista Dist. $200,000. Private plans. Noted Oct. 18.

Bids Received

Vermont — State Hy. Dpt., Montpelier, grading, concrete, cribbing, guttering, tile underdrain, in Springfield from Lane Constr. Corp., 37 Colony St., Meriden, Conn., $129,648.

Contracts Awarded

Ark., Paragould—Greene Co., excavating 80,000 cu.yd., cleaning 5 mi. ditches in Eight Mile Ditch 2, to Bunnell-Mack, Paragould.

Calif., Brentwood — M. Wallace, secy. Contra Costa Irrigation Dist., 3 in. concrete lining 250,000 sq.ft. Main Lateral 4, to W. Cohrs, Tracy, $27,250.

Calif., Indio — Coachella Valley Storm Water Dist., construction, maintenance of flood channel, to Breedlove Corp., Delta Bldg., Los Angeles, $30,500.

Calif., Niland—Niland Water Dist., canal distribution, drainage works, to Butterfield Constr. Co., Box 157, San Diego, $108,500.

Ont., Parkhill—McGillivray Twp., dredging 122,000 cu.yd. in Aux Sable and Ptsebe Rivers, to Broderick Bros., 30 Main St. S., Welland. Est. $25,000.

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Streets and Roads

Proposed Work

Mass., Boston—City Council passes loan order for $1,100,000, widening State and Exchange Sts. $800,000 already available. Total $1,900,000. J. H. Sullivan, comr. Dpt. P. Wks.

Mass., Waltham (Ind. br. Boston)—City Council appropriated $50,000, constructing streets.

Mass., Wareham—Town, c/o Fay, Spofford, & Thorndike, engrs., 44 School St., Boston, surveys widening, sewerage system, waterworks, curbing, stone walls, paving Main St. $200,000. Noted Nov. 8 under "Sewers and Waterworks."

N. J., Bergenfield—Bd. Boro Comrs., Boro Hall, New Milford, grading, paving streets in River Edge Manor Sect. $50,000. A. Noack, 256 Main St., Hackensack, boro engr.

N. J., Clifton—Bd. City Council, City Hall, grading, curbing, sidewalks, sheet asphalt on concrete paving Rutherford St. between Lakeview and Curie Aves. $40,000. J. L. Fitzgerald, city engr.

N. J., Clifton—Bd. City Council, City Hall, grading, curbing, sidewalks, bituminous macadam paving West 3rd St. $35,000. J. L. Fitzgerald, city engr.

N. J., Elizabeth — Bd. P. Wks. preliminary plans widening, 3 in. sheet asphalt on 6 in. concrete paving East Jersey St. from Broad St. to Madison Ave. $25,000. T. Collins, city engr.

N. J., Hackensack—Hackensack Impvt. Comn., Municipal Bldg., soon takes new bids paving Kaplan, Parker, Simons and Rowland Aves. Former contract rescinded. F. Campbell, city engr. Noted Oct. 25.

N. J., Hackensack — Hackensack Impvt. Comn., Municipal Bldg., grading, curbing, sidewalks, 6 in. bituminous macadam paving Prospect Ave. $100,000. F. Campbell, city engr.

N. J., Orange—Bd. City Comrs., City Hall, widening, paving Main St. from Scotland Rd. to Bell St. $25,000. K. P. Crane, city engr.

N. J., Pompton Plains — Twp. Comn., Paul Revere Hall, preliminary plans bituminous macadam paving Pequannock Ave. from Main Highway to Madison Ave. $25,000. Coursen & Edwards, Pompton Plains, twp. engr.

Kan., Burlington—See "Bids Desired."

Mo., St. Louis—See "Sewers."

Texas—State Hy. Dpt., Austin, grading, bridging 8.326 mi. Hy. 20, Denton Co., $40,000, L. C. McCanlies, Denton, resident engr.—5.948 mi. Hy. 37, Cherokee Co., $35,000, G. A. Bracher, Jacksonville, resident engr., both 26 ft. wide.

Tex., Ft. Worth—Tarrant Co., 2½ in. bitumen filled brick on concrete paving 1.125 mi. Federal Aid Project 510-B, and State Aid Project 711-C, 18 ft. $50,000. D. A. Davis, Ft. Worth, engr.

Tex., Fredericksburg—Gillespie Co., grading, bridging 16 mi. Hy. 124, from Llano Co. to Kerr Co. lines. $100,000. Address H. Uesner, Fredericksburg, co. judge.

Tex., Houston—For 2 in. asphalt on 6 in. concrete paving 1¼ mi. MacGregor Way from Scott St. to Calhoun Rd. $130,000. J. C. McVea, city engr.

Tex., Sterling City—Sterling Co., grading 21 mi. Hy. 9, extending north from here, 26 ft. $132,000. T. J. Kelly, Sterling City, engr.

Oklahoma—State Hy. Dept., Oklahoma City, asphalt surfacing 42,000 sq.yd. U. S. Hy. 70, McCurtain Co., $25,000—grading 10 mi. U. S. Hy. 81, 30 ft., Jefferson Co., $25,000. C. R. Mandigo, hy. engr.

Oklahoma — State Hy. Dpt., Oklahoma City, concrete slab paving 5 mi. U. S. Hy. 266, Lincoln Co., 18 ft. $100,000. C. R. Mandigo, Oklahoma City, hy. engr.

Okla., Fairfax—Preliminary plans grading, paving alleys in business district, 20 ft. To exceed $25,000. J. N. Fly, city clk.

Okla., Lawton—Comanche Co., surveys grading 10 mi. Lawton-Faxon Rd., 30 ft. To exceed $25,000. S. Joyner, Lawton, engr.

Okla., Oklahoma City—Surveys grading, concrete paving 10,000 sq.yd. West C Ave., to exceed $25,000—8,500 sq.yd. Dewey, Granger and Laird Sts., to exceed $25,000. W. W. Small, City Hall, engr.

Okla., Shawnee—Grading, paving 9 blocks Dist. 75, 30-36 ft. To exceed $25,000. E. T. Archer & Co., New England Bank Bldg., Kansas City, Mo., engrs.

Okla., Stillwater—Payne Co. graveling 8 mi. road west of city, 18 ft. $25,000. G. Wittenberg, Stillwater, engr.

Colo., Beulah—Bd. Comrs. Pueblo Co. (Pueblo) and State Hy. Dept., Denver, rebuilding Beulah Hill with new bridge over St. Charles Creek. $30,000. W. Peach, Pueblo, co-engr. L. D. Blauvelt, hy. engr.

Colo., Pueblo—Bd. Comrs., Pueblo Co., W. Barber, clk., and State Hy. Dept., Denver, paving 1 mi. South Santa Fe Ave. from Northern Ave. to Santa Fe Trail. $40,000. W. Peach, Pueblo, engr. L. D. Blauvelt, Denver, engr. and J. D. Bell, div. engr.

California—State Hy. Dpt., Sacramento, constructing 13 mi. connecting link Downieville- Yuba Pass Hy., Nevada Co., 20 ft. $400,000. C. H. Purcell, state hy. engr.

Calif., Los Angeles — Los Angeles Co., grading, 9-7-9 in. concrete paving 663,385 sq.ft., and 8 in. concrete paving 17,110 sq.ft. Rosecrans Ave. $250,000 or more.

Calif., Oakland—Grading, vibrolithic concrete paving 139,561 sq.ft. Hopkins St. between Park Blvd. and 14th Ave. G. Randle, city engr.

Calif., Oakland — Grading, vitr. conduit., concrete culverts, 2 in. warrenite bitulithic on 6 in. concrete paving 173,518 sq.ft. Foothill Blvd. between Courtland Ave. and Vicksburg St. G. Randle, city engr.

Calif., San Diego—Common Council, concrete curbing, sidewalks, 6 in. asphaltic concrete paving 389,675 sq.ft. and 6 in. concrete paving 24,280 sq.ft. Meade Ave. H. W. Jorgensen, city engr.

Calif., San Diego — Common Council, curbing, sidewalks, grading, 6 in. asphaltic concrete paving 115,244 sq.ft. Taylor St. and San Diego Ave. — grading, concrete paving 244,384 sq.ft. Orange Ave.—121,676 sq.ft. 65th St. and Klauber Ave. H. W. Jorgensen, city engr.

Calif., San Francisco — Widening, walks, paving Portola Dr. between 24th St. and Fowler Ave. $130,000. M. M. O'Shaughnessy, city engr.

Calif., Santa Ana — Orange Co. grading, surfacing, curbing, walks, lighting system, bituminous macadam paving Impvt. 19, Street of the Green Lantern. To exceed $25,000. N. H. Neff, Santa Ana, co. road comr.

Calif., Santa Ana — Orange Co. grading, paving San Juan-Capistremo-Elsin-Elsinore Hy. $50,000 (for initial work only).

Calif., Ventura—Ventura Co. grading, 5 in. macadam paving, 136,000 sq.ft. Rice Rd. (Contr. 592); grading, concrete paving 2,042 cu.yd. Contr. 591. C. W. Petit, Ventura, co. surv.

Ont., Ayr—Asphalt, concrete, asphaltic concrete or asphaltic macadam paving 20,000 sq.yd. Northumberland St. $60,000. H. Johnston, 63 Frederick St., Kitchener, engr.

Ont., Toronto—York Twp., asphalt or bitulithic paving 7,000 sq.yd. Henrietta Ave., 24 ft. $30,125. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto — City Council, concrete curbing, sidewalks, asphalt on concrete paving, widening ½ mi. College St. $1,000,000. R. C. Harris, City Hall, engr.

Bids Desired

Mass., Lowell—See "Contracts Awarded."

New York—Dec. 4, by A. W. Brandt, Hys., Albany, improving highways in Clinton, Orange and Steuben Counties; reconstructing highways in Allegany, Ontario and Westchester Counties; adv. E. N.-R. Nov. 15.

N. Y., Brooklyn—Nov. 21, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading, granite block repaving Woodhull St.—asphalt on 6 in. concrete repaving Martense, Troutman, 48th and 64th Sts., Washington and Coney Island Aves.—grading, curbing, flagging Stanley Ave.

N. Y., Long Island City—Nov. 20, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., grading, curbing, sidewalks on Sutphin Blvd. and 75th St.; grading, curbing, sidewalks, sheet asphalt on concrete paving Tompkins Pl., 9th and Filmore Aves., 75th, Neosho (121st), 123rd, and 155th (Phraner Ave.) Sts.

N. Y., New York—Nov. 16, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., clay-loam cinder surfacing, fencing with spiral spring wire walk around upper reservoir in Central Park.

N. Y., West New Brighton (sta. Staten Island)—Nov. 21, by J. A. Lynch, pres. Richmond Boro, Boro Hall, St. George, concrete paving incinerator yard.

New Jersey — Nov. 26, by State Hy. Comn., Trenton, grading, 8 in. single line rein.-con. paving 64,190 sq.yd. Route 48 (1927), Sect. 20, Woodstown-Pittsgrove Rd., Salem Co. A. L. Grover, ch. engr.; adv. E. N.-R. Nov. 15.

Florida—Nov. 27, by State Road Dpt., F. A. Hathaway, chn., Tallahassee (**P. means Project**), concrete, asphaltic on 8 in. compacted Florida Lime Rock paving 10 mi. Rd. 1, P. 52, Escambia Co.—8 in. Florida Lime Rock paving 5.46 mi. Rd. 1, F. A. P. 6, Madison Co.—12.23 mi. P. 763, and 7 mi. P. 765, both Rd. 50, Suwannee Co.—grading 34.8 mi. Rd. 25, P. 806-A, C and D, Hendry Co.—hydraulic embankment for approaches to Turkey Creek Bridge, Rd. 4, F. A. P. 40-B, Broward Co.—drainage structures on Rd. 5, P. 772, Charlotte Co.—Rd. 24, F. A. P. 62-B, Osceola Co.—Rd. 4, P. 653-B, Broward Co.—Rd. 4, P. 654-B, Broward Co.—Rd. 4, P. 683-B, Palm Beach Co. J. L. Cresap, state hy. engr.

Ala., Mobile—Dec. 11, by Bd. City Comrs., alternate types paving Royal, Joachim and St. Emanuel Sts., Michigan and Springhill Aves., also storm sewers in Divisions 1 to 4 (inclusive). W. Smith, city engr.; adv. E. N.-R. Nov. 15.

Ohio—Nov. 16, by H. J. Kirk, dir. Hys., Columbus, brick, concrete, sheet asphalt or bituminous macadam paving 14.997 mi. roads in Columbiana, Cuyahoga, Delaware and Sandusky Counties, $681,324; two 40 ft. span concrete beam bridge, Sect. "D" Georgetown-Wilmington Rd., Clinton Co., $21,589.

O., Akron—F. E. Swineford, dir. P. Serv., bids about Jan. 1, granite and stone curbing, vitr. brick on 6 in. concrete paving 5,300 sq.yd. Chittenden St. $35,800. E. A. Kemmler, Municipal Bldg., engr.

Indiana—Nov. 27, by J. D. Williams, dir. State Hy. Dpt., Indianapolis, constructing 6.868 mi. Sect. K, Rds. 45 and 56, and 6.193 mi. Rd. 45, Dubois Co.—7.935 mi. Rd. 24, Sect. A, F. A. 133, Wabash Co.—7.918 mi. Rd. 24, Sect. B, F. A. 133, Wabash and Huntington Counties—10.065 mi. Rd. 29, Sect. A, F. A. 146, Shelby and Decatur Counties—9.691 mi. Rd. 29, Sect. B, F. A. 146, Decatur Co.—11.028 mi. Rd. 53, F. A. 157, Jasper Co.—5.133 mi. Rd. 49, Porter Co.

Ind., Indianapolis—Nov. 26, by Comrs. Marion Co., graveling 5,312 ft. highway in Washington Twp. $27,059. H. Dunn, Indianapolis, aud.

Kan., Burlington—Nov. 28, by E. Jones, clk. Coffey Co., gravel or chats surfacing 7 mi. Kansas Project 720, U. S. Road 50-S, also furnishing material for same. Soon takes bids grading 5 mi. Kansas Project 643, Road K-31, 30 ft. F. Wagner, Court House, engr.

Kan., Ottawa—Dec. 3, by Clerk Franklin Co., grading, culverts 4.601 mi. K. 33, Project 726, 30 ft. E. F. Loveless, Ottawa, co. engr.

Kan., Westmoreland — Dec. 7, by Clerk Pottawatomie Co., grading, and 3 bridges on 3.71 mi. Federal Aid Project 203-B, U. S. Road 40 30 ft.—1.553 mi. also 3 bridges, 140 ft. guard fence, Federal Aid Project 203-A—curbing, guttering, concrete paving 0.908 mi. Federal Aid Project 355-G, 18 ft. L. F. Whearty, Court House, engr.

Texas—Nov. 20, by G. Gilchrist, state hy. engr., Austin, grading 16.959 mi. Goliad Co., $55,800, H. C. Porter, Goliad, resident engr.; 6.794 mi. Bell Co., $27,000, A. W. Ashworth, Belton, resident engr., both 26 ft. wide.

Texas—Nov. 20, by G. Gilchrist, state hy. engr., Austin, bituminous macadam on gravel paving 7.819 mi. hy. in Nolan Co., 18 ft., $73,800, S. C. Dougherty, Sweetwater, resident engr.—grading, curbing, bituminous filled brick on concrete paving 1 mi. Tarrant Co., 28 ft., $108,000, D. A. Davis, Ft. Worth, co. engr.—grading 5.092 mi. Mitchell Co., 26 ft., $36,000, W. J. Van London, Colorado, engr.—grading, gravel or broken stone surfacing 20.005 mi. El Paso Co., 26 ft. $160,000, E. E. Wilson, El Paso, co. engr.

Colorado—Nov. 19, by State Hy. Dpt., Denver, gravel surfacing 2.934 mi. Federal Aid Project 144-C, Larimer Co. L. D. Blauvelt, Denver, state engr.

Montana—Nov. 23, by State Hy. Comn., Helena, (**F.A.P. means Federal Aid Project**), crushed graveling 9.84 mi. F.A.P. 135-B, Unit 3, Rosebud and Custer Counties—10.459 mi. F.A.P. 211-A, Unit 3, Cascade Co.—9.381 mi. F.A.P. 229-C, Unit 3, Fergus Co.—steel bridges on F.A.P. 238-B, Unit 2, Lewis and Clark Co. R. D. Rader, state hy. engr.

California—Nov. 28, by State Hy. Comn., Sacramento, grading, gravel surfacing 0.9 mi. San Luis Obispo Co.—grading, gravel surfacing 0.9 mi. San Luis Obispo Co.—grading, bituminous macadam paving 0.6 mi. Marin Co.—grading 8.5 mi. Los Angeles Co. C. H. Purcell, P. Wks. Bldg., Sacramento, engr.

Contracts Awarded

Vermont — State Hy. Dpt., Montpelier, bituminous macadam paving 3.56 mi. hy. in Bennington Co., to D. S. McGrath, Adams, Mass., $131,480; bridge in Windsor Co., to C. I. Hosmer, Greenfield, Mass., $50,403.

Mass., Lowell—Dpt. P. Wks., H. P. Doherty, supt. streets, City Hall, grading, gravel surfacing 7,500 ft. Pawtucket Blvd., day labor. Noted July 5.

Mass., Provincetown — Bituminous macadam repaving Commercial St., to Simpson

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Streets and Roads (Continued)

Bros. Corp., 77 Summer St., Boston. Est. $25,000.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to M. J. O'Hara, 1228 Park Ave., New York, sheet asphalt paving Applegate Court $2,707; East 3rd St. $16,926—to B. Turecamo, New Cropsey Ave., Bay 32nd St. $4,700; East 15th St. $6,032; 83rd St. $5,087—to Brooklyn Alcatraz Asphalt Paving Co., 407 Hamilton Ave., Colonial Rd. $3,846; East 92nd St. $10,239; Lefferts Ave. $9,833; Lenox Rd. $11,669; Avenue M $2,600; Schenectady Ave. $11,669; Avenue M $2,600; Schenectady Ave. $9,712—to D. J. McCoy Asphalt Co., Avenue U and East 57th St., Riverdale Ave. $2,597; 80th St. $1,845—to Meehan Paving Co., Laurel Hill Blvd., Stockholm St. $4,925—to Brocco Contg. Co., grading Stanley Ave., $16,008—to Hercules Foundation & Constr. Corp., Kings Pl., $2,062. Grand total $110,788. Noted Oct. 18.

N. Y., Long Island City—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., to Cleveland Trinidad Paving Co., Flushing, sheet asphalt on concrete paving 108th St. $19,925; 65th St., $13,100; 64th St. $17,678—to Meehan Paving & Constr. Co., Laurel Hill Blvd., Woodbine Ave., $9,060; 65th St. $8,654—to Welsh Bros. Contg. Co., 27 Purvis St., grading 32nd St. $3,544. Grand total $71,961. Noted Oct. 18.

Pennsylvania—State Hy. Comn., Harrisburg, grading 16,807 ft. Potter Co., to David Schoentag, Inc., Saugerties, N. Y., $58,957—41,470 ft. Fulton Co., to F. D. Kessler, Northumberland, $211,207—bituminous treated macadam paving 10,450 ft. Indiana Co., to Frank Lee James, Johnston, $87,157—13,400 sq.yd. Pike Co., to Burgess Bros. & Henry, Fort Union, Va., $65,787—concrete paving 42,100 sq.yd. York Co., to Sherman & Rhodes, Millersburg, $199,946—13,750 sq.yd. Forest Co., to H. N. McNutt, Clarion, $65,882—13,900 sq.yd. Carbon Co., to Graham & Harnish, Rothsville, $71,661—rein.-con. paving 7,643 sq.yd. Blair Co., to L. R. Mathieu, Altoona, $39,036—6,000 sq. yd. Erie Co., to F. E. Winter, Erie, $33,928—41,900 sq.yd. Washington Co., to Coss & Otto, Wheeling, W. Va., $246,086—11,799 sq.yd. Westmoreland Co., to A. Eidemiller, New Alexandria, $62,535—25,705 sq.yd. Washington Co., to Allison & Harris Constr. Co., East Liverpool, O., $132,853—10,882 sq.yd. Bradford Co., to R. D. Richardson Constr. Co., Scranton, $46,794. Grand total $1,321,829. Noted Nov. 1.

Pennsylvania—State Hy. Comn., Harrisburg, grading 67,000 cu.yd. Indiana Co., to Millarr & Bullock, Youngstown, O. $103,-996—concrete paving 5,500 sq.yd. Susquehanna Co., to R. T. Paine, Lebanon $109,-022—49,200 sq.yd. Somerset Co. and 49,-300 sq.yd. Indiana Co., to James & Nicholson Co., Johnstown $252,793 and $292,300 respectively—22,900 sq.yd. Bradford Co., to Smouse & Kreamer, Galeton $95,357. Grand total $853,468. Noted Nov. 1.

Pa., Phila.—Dpt. P. Wks., Bureau of Hys., to Duffin Bros., Penn and Womrath Sts., grading Aramingo St. $989—to J. F. Feeney, 106 Kalos St., Brous St. $4,410; Shelmire St. $3,587—to Marino Masse, 3936 North Reese St., Foust St. $1,284, Pleasant St. $5,451—to R. B. Wenner, 2819 West Gordon St., Lawndale St. $646—to M. Leewright, 424 Seville St., Nixon St. $2,445—to S. C. Rotzell, Limekiln Pike and Haines St., Olney St. $4,863—to T. L. Flanigan, 531 East Girard St., Solly St. $1,887—to Mazzola & Marano, 739 South 7th St., improving Eastwick (country) Rd. $3,480—to Union Paving Co., 123 South 21st St., Island Rd. $27,777; asphalt repaving Jefferson St. $38,823; 11th St. $16,485; 36th St. and Rice St. intersection $999—to Fish-Rutherford, Inc., 4058 Chestnut St., improving Passyunk (country) Rd. $30,394—to F. A. Caruso & Son, 804 South 12th St., Shelmire Rd. $2,925—to Municipal Constr. Co., Washington Sq. Bldg., asphalt repaving Florence St. $42,747; 9th St. $11,017—to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Glenwood St. $22,575—to Barber Asphalt Co., Hunting Park Ave. at E St., 23rd St. $20,408—to Eastern Asphalt Co., Penna Bldg., redressed granite block repaving track area Arrott St. $32,-392; 32nd St. $8,350—to Elkins Paving & Constr. Co., 834 North Holly St., 3rd St. $44,388; 9th St. $38,328. Grand total $366,650. Noted Oct. 25.

Maryland — State Roads Comn., Baltimore, graveling 1.5 mi. Contr. P-90, Prince George Co., to Jarboe & Haughton, Mechanicsville, $6,640. Noted Oct. 25.

Florida—State Roads Dpt., F. A. Hathaway, chn., Tallahassee, (**P. means Project**), to W. J. Bryson Paving Co., Jacksonville, grading P. 751 $48,854; P. 752 $57,307; P. 788 $149,340; P. 735 $118,493; P. 733 $43,066; P. 842 $69,629—to Penton Mathis Constr. Co., Paxton, P. 734 $63,256,

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all foregoing in Walton Co.—to R. J. Carroll, Lamont, P. 738, $63,172—to Curry & Turner Constr. Co., Bradenton, P. 820, $61,-701—to Bishop Constr. Co., Monticello, P. 821, $26,690, all foregoing in Jefferson Co.—to J. B. McCrary Eng. Corp., Citizens & Savings Bank Bldg., Atlanta, Ga., concrete paving P. 672, Leon Co., $189,674—to R. G. Lassiter & Co., Jacksonville, P. 673, Gadsden Co., $265,917. Grand total $1,157,099. Noted Oct. 11.

Kentucky — State Hy. Dpt., Frankfort, grading 2.586 mi. Carter Co., to Barton & Tye, Fullerton, $39,314—2.761 mi. Meade Co., to J. B. Westerfield, $18,287—10.192 mi. Robertson Co., to H. S. Tye & Son, Eminence, $76,876—5.453 mi. Meade Co., and traffic bound macadam surfacing 8.369 mi. Clay Co., to Mason Constr. Co., West Point, $27,594 and $43,053 respectively—7.489 mi. Fleming Co., to W. O. Billiter Co., Covington, $85,906—7.133 mi. Warren Co., to McClellan & Campbell, Bowling Green, $25,323—2.088 mi. Magoffin Co., to Wilmore Constr. Co., Wilmore, $15,722—bank gravel surfacing 5.462 mi. Graves Co. and 7.294 mi. McCracken Co., to N. E. Stone & Co., Madisonville, $14,347 and $34,014 respectively—7.477 mi. Webster Co., to Corum Bros., Madisonville, $62,577. Grand total $443,013. Noted Oct. 4.

O., Cincinnati — Hamilton Co., grading, concrete repaving 9,600 sq.yd. Miami Rd., to Wilmore Paving Co., Middletown, $52,-716. Est. $63,247. Noted Oct. 18.

O., Cleveland—Cuyahoga Co., stone curbing, vitr. brick paving 48,140 sq.yd. Granger Rd. and 6,810 sq.yd. Emery Rd., to Cleveland Trinidad Paving Co., Western Reserve Bldg., $266,048 and $51,604 respectively—19,250 sq.yd. Green Rd. 5, to Highway Constr. Co., Guarantee Title Bldg., $126,496. Noted Nov. 8.

O., Garfield Heights (br. Cleveland)—Bituminous concrete paving Bohning Dr. and East 112th St., also brick paving Lincoln Ave., to Enterprise Paving & Constr. Co., 8444 Bway., Cleveland, $17,119 and $8,305 respectively. Noted Oct. 18.

Michigan—State Hy. Dpt., Lansing, concrete paving 13.5 mi. MO34-33, C-1, 20 ft., Ionia Co., to State Constr. Div., Lansing, C. M. Zeigler, supt. $405,000.

Michigan—State Hy. Dpt., Lansing, sheet asphalt paving 6.869 mi. MO28-20, C-2, 20 ft., Grand Traverse Co., to Wolverine Asphalt Paving Co., Grand Rapids, $112,960. Furnishing gravel separate contract $38,050.

Michigan—State Hy. Dpt., Lansing, concrete paving 0.299 mi. FO63-21, C-3, 40 ft., Oakland Co., to C. A. Handeyside, Detroit, $27,052 incl. cement.

Mich., Detroit — Stone curbing, 3½ in. sheet asphalt on 8 in. concrete paving 8,800 sq.yd. Manor Ave. and 8,550 sq.yd. Appoline Ave., to Cooke Asphalt Paving Co., Penobscot Bldg., $32,273. Noted Aug. 30.

Mich., Fordson—Concrete paving 8,000 sq.yd. approaches to Eagle Avenue Underpass Grade Separation, to F. Porath, 305 Transportation Bldg., Detroit, $25,000.

Illinois—State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, paving in De Kalb Co., to Stevens Bros., 612 Endicott Bldg., St. Paul, Minn., $5,181—Hancock and Kankakee Counties, to Cameron Joyce, Keokuk, Ia., $6,848 and $71,370 respectively—Fulton Co., to Central Eng. Co., 809 Putnam Bldg., Davenport, Ia., $11,172—Cook Co., to W. A. Black Co., 165 West Wacker Dr., Chicago, $216,113—Henry Co., to H. A. Reschke Constr. Co., Geneseo, $2,433—Iroquois Co., to J. Kesl & Sons, Edwardsville, $234,800—Cook Co., to Universal Paving Co., Oak Park, $42,749—St. Clair Co., to Mautz & Oren, Inc., Effingham, $180,939—Boone Co., to Lampert Constr. Co., Oshkosh, Wis., $8,877—Moultrie, Macon, Will and Grundy Counties, to Indiana Road Paving Co., Rochester, Ind., $287,543 — Grundy and Franklin Counties, to Hamilton Hoffman Constr. Co., Carbondale, $175,569—grading Cook Co., to A. Ward & Sons, Inc., Oak Glen, $55,969—Cook Co., to J. Mackler & Co., 1530 Halsted St., Chicago Heights, $133,842. Grand total $1,433,405. May 30, June 7, Sept. 20.

Ill., Belleville — St. Clair Co., grading, concrete paving 12 mi. Mascoutah-Lebanan Rd., to Mautz & Oren Constr. Co., Effingham.

Ill., Chicago — Bd. Local Impvts., City Hall, grading, 7 in. concrete paving 1 alley, to Paramount Constr. Co., 82 West Washington St.—grading, curbing, guttering, sewers, asphalt on 6 in. concrete paving West 79th and 80th Places, West 80th and 81st Sts., Constance, Saginaw, South Talman, Washtenaw, Fairfield, California, Mozart, Francisco and Sacramento Aves., to American Asphalt Paving Co., 133 West Washington St.—South Hamilton Ave., to R. F. Conway Co., 844 Rush St.—Goodman St., Leamington, North Mason and North Marmora Aves., to Barber Paving Co., 7 South Dearborn St.—grading, curbing, guttering, sewers, 8 in. concrete paving Princeton and Yale Aves., West 80th and 81st Sts., to Farr Bros., 356 West 111th St. Noted Oct. 11.

Wisconsin—State Hy. Comn., Madison, grading 3.1462 mi. Sauk Co., to Nelson, Mullen & Nelson, 355 Gateway Bank Bldg., Minneapolis, Minn., $37,252.

Iowa—State Hy. Comn., Ames, to S. J. Groves & Sons Co., Inc., 306 Globe Bldg., Minneapolis, Minn., grading Clayton Co., $143,905; Jackson Co. $76,321—to E. V. Martin, Ames, Crawford Co. $88,697; Pace Co. $56,733—to Griffis Bros., West Union, Allamakee Co., $51,408—to Larson Const. Co., Des Moines, paving Keokuk Co., $193,-206—to C. F. Lytle Constr. Co., 504 Nebraska St., Sioux City, Project 605, $37,227; Project 479, $202,269; Federal Aid Project 15 A and B, $189,760; all Mills Co.—to E. W. Hallett, Crosby, Minn., F. A. 98-B, $195,267; Project 308, $175,375; both Winneshiek Co.—to M. Baker, Maquoketa, graveling Jones Co., $8,985—to Lynch & Co., Castana, Monona Co., $25,079—Muscatine Co., $21,375. Grand total $1,465,607. Noted Oct. 25.

Kan., Ft. Scott—Bourbon Co. grading, culverts 6.429 mi. Federal Aid Project 39-10-K-712-9, to Nevada Constr. Co., Nevada, Mo., $36,339. Noted Oct. 18.

Kan., Olathe—Johnson Co., concrete paving 0.3 mi. Project 10-14-K692, and 0.642 mi. Project 10-14-F. A. 315-F, to Geiger & Rutherford, Leavenworth, $6,357 and $23,-186 respectively.

Kan., Olathe—Johnson Co., grading, concrete paving 5,825 ft. Tomahawk Rd., 18 ft., to Musselman & Hall, 239 Railway Exch. Bldg., Kansas City, Mo., $33,043.

Kan., Paola—Miami Co. grading, culverts 15.894 mi. Project 73-E-18, Federal Aid Project 213-B, C and D, to H. C. Botsford, Piper, $104,600—11.943 mi. Project 7-19-Federal Aid Project 293-D, E and G, to J. J. Thompson, Omaha, Neb., $73,668. Noted Oct. 4.

North Dakota—State Hy. Comn., Bismarck, grading 4.955 mi. Cass Co., to W. H. Noel Co., Jamestown, $10,379—15.001 mi. Renville and Ward Counties, to Steven Bros., 612 Endicott Bldg., St. Paul, Minn., $56,924—bridges in Cavalier Co., to T. M. Swingen, Cooperstown $6,236. Grand total $73,539.

Missouri — State Hy. Comn., Jefferson City, (**P. means Project**), to M. E. Gillioz, Monett, grading, bridging 4.899 mi. P. 307-B $39,960; 5 mi. P. 307-C $68,234; grading, culverts on 3.996 mi. P. 307-A $36,514; 4.857 mi. P. 307-D $50,167, all Dallas Co. Grand total $194,875.

Mo., Clayton—St. Louis Co., 4 in. macadam paving Milburn Ave., to J. Dillon, 2902 Indiana Ave., St. Louis, $7,140; Ambs Rd., to Industrial Track Constr. Co., Title Guaranty Bldg., St. Louis, $7,888.

Mo., Clayton—St. Louis Co., grading 4,200 cu.yd. Oak St., to J. L. Peterson, c/o County Clerk, $1,776—concrete paving 17,-000 sq.yd. West Florissant Ave., to Nolan & Kraus, 4525 Chouteau Ave., St. Louis, $51,853—5,600 sq.yd. Big Bend Blvd., to Moore Bros. Constr. Co., 2000 St. Clair Ave., East St. Louis, Ill., $14,262—4 in. macadam paving 5,800 ft. Woods Mill and Fee Rds., to Industrial Track Constr. Co., Title Guaranty Bldg., St. Louis, $12,580 and $10,420 respectively—7 in. rein.-con. paving 10,965 sq.yd. Seibert Ave., to A. Fleschner, 7055 Winona Ave., St. Louis, $43,931. Grand total $134,822. Noted Sept. 20 and Nov. 1.

Mo., St. Joseph — Paving alley west of Prospect St. also paving Highly St., to Sayles Constr. Co., 1814 Highly St., $1,173 and $14,454 respectively—Clayton Rd. and 15th St., to P. P. Young, 4209 St. Joseph Ave., $8,752 and $3,801 respectively — Barbara St. and alley between Penn and Seneca Sts., to Bridgeford Constr. Co., St. Joseph, $6,320 and $2,060 respectively. Grand total $35,560. Noted Sept. 20.

Ark., Magnolia—Comrs. Paving Dist. 2, R. C. Green, secy., grading, rein.-con. paving 11,200 sq.yd., to McGuire & Cavender, Clinic Bldg., Texarkana, $26,680. Noted Oct. 25.

Ark., Prescott—Grading, curbing, 6 in. rein.-con. paving 14,000 sq.yd. Impvt. Dist. 6, to O. Yenglin, Texarkana, $41,010. Noted June 7.

Tex., Dallas—Dallas Co., paving Barnes Rd., to B. G. Ferguson, 10102 South Lamar St., Dallas, $32,000—West Jefferson Ave. extension Rd. to American Asphalt Co., Allen Bldg., Dallas, $53,465. Noted Oct. 11.

Tex., Raymondville — Willacy Co., Rd. Dist. 3, c/o A. B. Crane, judge, grading 3.5 mi. hy., to J. B. Evans, San Benito, $3,398; concrete paving above road, to F. P. McElwrath & Son, Corsicana, $81,091. Noted Oct. 4.

Okla., Oklahoma City—Grading, paving 12 blocks West 20th St., 30 ft., to Western Paving Co., Petroleum Bldg., $58,837. Est. $61,000.

Streets and Roads (Continued)

Okla., Oklahoma City—Grading, 7 in. concrete paving 12,000 sq.yd. Robinson, Reno and Oak Sts., to M. A. Swatek & Co., 519½ West Main St., $72,358. Est. $74,000.

Okla., Oklahoma City — Oklahoma Co., grading, paving 6 mi. East C Avenue Rd., 30 ft., to Maney & Alley, Empire Bldg., $21,680 est. $25,000—grading 6 mi. Spencer Rd., 30 ft., to R. Fisher, Norman, $19,658 est. $25,000.

Utah—State Hy. Comn., Salt Lake City, grading 3.143 mi. Duchesne Co., to A. G. Young & Co., Richfield, $31,027.

California—State Hy. Dpt., Sacramento, concrete and bituminous macadam paving 11.5 mi. Los Angeles and Ventura Counties, to Sander Pearson, Santa Monica, $354,454; grading, bituminous macadam paving 0.7 mi. Los Angeles Co., to G. Mitchell Co., Huntington Park, $42,878. Noted Nov. 8.

Calif., Los Angeles — Grading, sewers, concrete paving Vineland Ave. and Blix St. Impvt. Dist., to Griffith Co., Railway Bldg., $108,325.

Calif., Los Angeles—Grading, curbing, walks, 8 in. concrete paving Fairfax Ave., to Mittry Bros., Detwiler Bldg., $157,070.

Calif., Los Angeles—Los Angeles Co., improving Lower Azusa Rd., to Black & Hagey, 832 West Valley Blvd., Alhambra, $27,768.

Calif., Los Angeles — Los Angeles Co., grading, concrete paving A and I 213, Prairie Ave., to Dann & Manney, 1120 West 8th St., $45,248. Noted Oct. 11.

Calif., Pacific Grove—Grading, curbing, walks, asphaltic concrete paving Forest Ave., to Clark & Henery, Chancery Bldg., San Francisco, $28,187.

Calif., Sacramento — Grading, 5 in. asphaltic concrete paving 14 blocks Land Park Dr., from Vallejo Way to Land Park, to McGillvray Constr. Co., Folsom Blvd., $26,934.

Calif., Santa Ana—Orange Co., asphaltic concrete paving Ocean Ave., to Griffith Co. Railway Bldg., Los Angeles, $58,685.

Ont., Toronto — Asphalt on concrete paving Sussex Ave., Bathurst and Bishop Sts., to Kilmer & Barber, 10 Adelaide St. E., $15,392—Classic and Glen Morris Aves., to Godson Contg. Co., 203 Richmond St. W., $6,434—Markham St., to Constructing & Paving Co., Confederation Life Bldg., $10,405—Lane 1st north of Geneva Ave., to Mitchell Contg. Co., 28 Moore Ave., $1,519—lanes north of Davenport Rd. and Dundas St., to owner by day labor, $1,607—Cardinal and Leith Places, to T. Shenton, 341 Keele St. $1,572. Grand total $36,929.

Ont., Toronto—York Twp., asphalt paving Riverside Dr. and Branstone Ave., to Warren Bituminous Paving Co., 54 University Ave., $31,920; Gray Ave. and Bernice Crescent, to Godson Contg. Co., 203 Richmond St. W., $20,157.

Ont., Toronto — York Twp., asphalt on concrete paving Arlington and Blackthorne Aves., to Kilmer & Barber, 10 Adelaide St. E., $52,006—Caledonia Rd., to Warren Bituminous Paving Co., 54 University Ave., $25,338—Jane St., to Constr. & Paving Co., Confederation Life Bldg., $37,462—concrete sidewalks on Nickel and Lapp Aves., to Godson Contg. Co., 203 Richmond St. W., $23,150—Northcliffe Blvd., to J. Simpson, 227 Wychwood Ave., $865—Scarlet Rd. and Keywest Ave., to owners by day labor, $1,149. Grand total $139,970.

Ont., Walkerville—Concrete paving 25,000 sq.yd. Drouillaird Rd., to Chick Contg. Co., McDougall Ave., Windsor, $78,844. Est. $80,000.

B. C., Point Grey—For 6 in. concrete paving, to Dawson Wade & Co., 500 Beatty St., $6,448; to Armstrong, Morrisson Paving Co., 543 Granville St., $6,261; to Hodgson, King & Marble, 626 Pender St. W., $12,038; warrenite on rock paving, to Columbia Bitulithic Ltd., 500 Beatty St., $6,630, all in Vancouver. Grand total $31,377.

B. C., Point Grey—Concrete paving, to Harrison & Lamond Constr. Co. Ltd., 615 Hastings St. W., $15,899—to Armstrong Morrison Paving Co. Ltd., 543 Granville St., $15,345—warrenite paving, to Carter Halls-Aldinger Ltd., 500 Beatty St., $17,095. Grand total $48,339.

Public Bond Elections

Coming Bond Elections

Waterworks—Dayton, Tex., Dec. 10, $50,000.

Waterworks Extension—Winters, Tex., Nov. 20, $72,000.

Waterworks—Holdenville, Okla., Nov. 20, $225,000.

Waterworks — Olympia, Wash., Nov. 19, $225,000.

Waterworks—Azusa, Calif., $130,000.

Water Mains—Los Angeles County, Calif., Dist. 10, $15,000.

Sewage System — Dayton, Tex., Dec. 10, $50,000.

Sewage Disposal Plant — Azusa, Calif., $100,000.

Irrigation, Etc.—La Salle County Water & Irrigation Dist., Tex., $2,000,000.

Paving—Abilene, Tex., Nov. 17, $575,000.

Roads—Donley County, Tex., Nov. 21, $1,000,000.

Roads—Galveston County, Tex., Nov. 30, $700,000.

High School—Blair, Neb., $150,000.

Natural Gas Mains—LaJunta, Colo., Jan. 15, $30,000.

Bonds Voted

Waterworks and Sewers—Carthage, Miss., $65,000. M. L. Culley, Jackson, Engrs.

Filtration Plant—Lafayette, La., $125,000.

Waterworks Expansion — Akron, O., $6,000,000.

Waterworks—St. Clairville, O., $134,000.

Waterworks—Long Island, Kan., $25,000.

Waterworks—Prairie View, Kan., $17,000. Shockley Engr. Co., Kansas City, Mo., Engrs.

Water Supply—Erick, Okla., $100,000.

Waterworks—Hood River, Ore., $250,000.

Waterworks and Sewers—Klamath Falls, Ore., $300,000.

Sewers and Drainage—Gretna, La., $300,000. H. A. Mentz, Hammond, Engr.

Sewers—Many, La., $50,000.

Sewers—Louisville, Ky., $10,000,000. Woosley M. Cayne, Engr.

Sewer — McLean Ave., Cincinnati, O., $250,000.

Sewer Extension and Disposal Plant — Springfield, O., $1,750,000.

Sewer Extension—Erick, Okla., $25,000.

Sewer System—Gotebo, Okla., $45,000.

Sewers—Purcell, Okla., $25,000.

Sewers—Shorewood, Wis., $175,000.

Sewerage System—Galt, Calif., $45,000.

Viaduct—Cincinnati, O., $1,000,000.

Bridge — Seattle, Wash., over Duwamish River, $780,000.

Dike—Hartford, Conn., $400,000. R. N. Clark, Engr.

Harbor Improvements — Baltimore, Md., $10,000,000.

Flood Control—Springfield, O., $150,000.

Incinerators, Two — Chattanooga, Tenn., $125,000.

Incinerator—Portland, Ore., $300,000.

Airport Development — Hartford, Conn., $396,091.

Airport—Chattanooga, Tenn., $250,000.

Airport—Cordell, Okla., $50,000.

Airport Expansion — St. Paul, Minn., $500,000.

Airport—Albany, Ore., $25,000.

Airport—Medford, Ore., $120,000.

Airport — Seattle, Wash., Boeing Field, $400,000.

Street Extension—Hartford, Conn., $225,000. R. N. Clark, Engr.

Street Improvement—Baltimore, Md., $6,000,000.

State Roads—West Virginia, $35,000,000.

Roads—Phillipi, W. Va., $81,500.

Roads — Louisiana. $30,000,000 and 2c. gasoline tax.

Street Improvement—Akron, O., $3,530,000.

Paving and Sewers—Cleveland, O., $2,000,000. R. Hoffman, City Engr.

Roads—Iowa, complete surfacing primary system, assume authorized bonds voted by various counties, total $100,000,000.

Paving, Etc.—St. Paul and Ramsay County, Minn., $6,500,000.

State Hwy. System—Missouri, $75,000,000.

Roads—Jones County, Tex., $750,000.

Paving—Montague County, Tex., $750,000.

Roads—Taylor County, Tex., $750,000.

Street Improvement—Portland, Ore., $4,000,000.

Roads—Roseburg, Ore., $110,000.

Roads—The Dalles, Ore., $50,000.

Town Hall—Harrison, N. J., $375,000.

High School and Athletic Field — Barbour County, Elk Dist., Penn., $310,000.

Schools—York County, Pa., $1,500,000.

Hospital—Ware County, Ga., $225,000.

Schools—Akron, O., $2,000,000.

School—Bridgeport, O., $200,000.

Hospital Building—Cincinnati, O., $300,000.

Hospital Improvements—Cleveland, O., $2,400,000.

Schools—Cleveland Heights, O., $1,000,000.

Schools—Shaker Heights, O., $1,225,000.

Stadium—Cleveland, O., $2,500,000.

County Jail and Criminal Courts — Cuyahoga County, O., $1,650,000.

Hospital—Springfield, O., $1,800,000.

Schools—Springfield, O., $750,000.

Auditorium—St. Paul, Minn., $1,500,000.

Public Safety Bldg., 3 fire stations, Police and Fire Alarm Systems—St. Paul, Minn., $850,000.

Schools—St. Paul, Minn., $1,152,000.

City Hall and Court House—St. Paul and Ramsay County, Minn., $4,000,000.

County Hospital—Seattle, Wash., $2,750,000.

Central Storage and Equipment Yard — Dept. Pub. Wks., St. Paul, Minn., $200,000.

Golf Course Addition — Hartford, Conn., $30,000. R. N. Clark, Engr.

Grade Crossing Elimination — Akron, O., $3,000,000.

Grade Crossing Elimination—Cincinnati, O., $1,000,000.

Light Standards for White Way System—Cleveland, O., $300,000.

Parks and Playgrounds — St. Paul, Minn., $875,000.

Swimming Pool and Bathhouse—Algona, Iowa, $25,000.

Bonds Defeated

Sewer System—Camp Hill, Cumberland Co., Pa., $500,000.

Intercepting Sewer—Purification Plant and Flood Relief-Galesburg, Ill., $1,307,000.

Road Improvement—Lower Swartara Twp, Pa., $30,000.

State Highways—Pennsylvania, $50,000,000.

Roads—Woods County, Okla., $300,000.

State Highways—Colorado, $60,000,000.

Incinerator—Teaneck, N. J., $125,000.

Armories, National Guard — Pennsylvania, $5,000,000.

State College—Pennsylvania, $8,000,000.

State Penal and Welfare Institutions — Pennsylvania, $5,000,000.

Market House — Chattanooga, Tenn., $150,000.

City—County Administration Bldg., Detroit and Wayne County, Mich., $20,000,000.

Parks—Bergen County, N. J., $250,000.

Parks—Teaneck, N. J., $100,000.

Buildings—Industrial

Proposed Work

Mass., Hudson — FACTORY — Corbin-Holmes Shoe Co., Central St., timber addition, Central St. $40,000 or more. Private plans.

Mass., Malden (br. Boston)—SERVICE and REPAIR GARAGE — S. Glick, 200 Eastern Ave., plans by C. F. Springall, 84 Sprague St., 1 story, steel, concrete, plain found., Eastern Ave. $50,000.

Mass., New Bedford—MILL—Hill & Cutter, Acushnet Ave., plans by E. G. Bullard, Times Bldg., 1 story, brick, timber addition, plain found., Acushnet Ave. and Pearl St. $40,000.

Mass., Somerville (br. Boston) — GARAGE—E. M. Cremen, 10 Union Sq., brick service garage to accommodate 125 cars, Central St. Est. exceeds $40,000. Engineer and architect not selected.

R. I., Providence—REPAIR SHOP and TOWER—City, P. Buildings Dpt., City Hall, rejected bids Nov. 3, repair shop and drill tower, Dexter and Whitmarsh Sts. $65,000. May readvertise. Noted Nov. 1.

Conn., Bristol—MACHINE SHOP—New Departure Mfg. Co., 269 North Main St., 1 story, rein.-con. addition to machine Building 26, plain found., Franklin St. Lockwood, Green & Co., 24 Federal St., Boston, Mass., engrs.

Conn., Hartford—FACTORY—M. Swift & Sons, 100 Love Lane, revised plans by Mychreest & Reynolds, 238 Palm St., 2 story, basement, 55 x 200 ft., brick, rein.-con. factory, boiler house and coal pocket, Love Lane. $100,000. Noted May 17.

Conn., New Haven—GARAGE—Southern New England Telephone Co., 357 Chapel St., plans by D. Orr, 856 Chapel St., 1 story, 125 x 210 ft., brick, steel, Liberty and Putnam Sts. $75,000.

N. Y., Brooklyn—BAKERY—Corporation, c/o L. Gottlieb, 10 Avenue O, plans by J. J. Millman, 26 Court St., 1 story, 100 x 100 ft., brick, 86th and Bay 17th Sts. $40,000.

N. Y., Brooklyn—FACTORY—Bushwick Can Co., G. Guller, pres., 86 Butler St., plans by V. A. Lacerenza, 26 Court St., 1 story, brick, Henry and West 9th Sts. $40,000.

N. Y., Brooklyn—FACTORY—C. H. Colvin, Lexington and Patchen Aves., plans by R. H. Segal, 754 5th Ave., New York, altering 3 and 4 story factory, Lexington and Patchen Aves. $50,000.

N. Y., Brooklyn—MILK DEPOT—Ferndale Farms, Inc., I. Kotcher, pres., 1678 Bergen St., plans by E. M. Adelsohn, 26 Court St., 2 story, 100 x 200 ft., brick, Liberty and Snediker Aves. $40,000.

N. Y., Brooklyn—SERVICE GARAGE—P. Gundoff, 427 New York Ave., plans by H. J. Nurick, 44 Court St., altering and constructing additional story, brick, concrete, Empire Blvd. and New York Ave. $40,000.

N. Y., Brooklyn—SERVICE GARAGE—Corporation, c/o M. Berman, 590 Utica Ave., plans by M. Rothstein, 186 Joralemon

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Buildings—Industrial (Continued)

St., 1 story, 100 x 164 ft., brick, concrete, Gravesend Ave. and Kings Highway. $40,000.

N. Y., Brooklyn—SERVICE GARAGE—Ryan Bros., Inc., plans by Slee & Bryson, 160 Montague St., 2 story, 80 x 120 ft., brick, concrete, 3rd Ave. and 17th St. $75,000.

N. Y., Brooklyn—SERVICE GARAGE—B. Turecano, foot of Denyses Lane, plans by F. Savignano, 6005 14th Ave., 2 story, 40 x 122 ft., brick, concrete, 88th St. and East 4th Ave. $60,000.

N. Y., Elmhurst (Ind. sta. Flushing)—HOSIERY MILLS—Propper Silk Hosiery Mills, 200 Madison Ave., New York, bids after Jan. 1, 2 story, 124 x 202 ft. hosiery mills, Laurel Hill and Baxer Pl. $300,000. A. Ullrick, 371 Fulton St., Brooklyn, archt. Noted Nov. 1.

N. Y., Jackson Heights (sta. Flushing)—SERVICE GARAGE—D. Druss, 3737 Warren St., Elmhurst, plans by H. Dorf, 614 Kosciusko St., Brooklyn, 100 x 180 ft., brick, concrete, 70th St. and 34th Ave. $60,000.

N. Y., Laurel Hills (mail Flushing)—PLANT—Nichols Copper Co. 58 x 278 ft. plant, Hobson and Halle Aves. $150,000. Private plans.

N. Y., Long Island City—CANDY FACTORY—Loft, Inc., Vernon Ave., plans by W. Higginson, 101 Park Ave., New York, 3 story, 50 x 95 ft., brick, Hamilton St. and Freeman Ave. $75,000.

N. Y., Long Island City—FACTORY—DeNobile Cigar Co., 512 Hamilton St., Astoria, plans by A. H. Eccles, 76 Hoyt St., Astoria, 4 story, 74 x 84 ft., brick, Hancock St. and Pierce Ave. $40,000.

N. Y., Long Island City—GARAGE and SERVICE STATION — M. J. Rosenthal, 1779 Pitkin Ave., plans by Kavy & Kavovitt, 350 Stone Ave., Brooklyn, 1½ story, 100 x 180 ft., brick, concrete, 47th Ave. and 38th St. $50,000.

N. Y., Long Island City — SERVICE GARAGE — Garford Motor Trucking Co., 13th Ave. and William St., plans by F. S. Parker, 119 West 57th St., New York, 2 story, 100 x 217 ft., rein.-con., 13th Ave. and William St. $50,000.

N. Y., New York—GARAGE and REPAIR—Dept. Plant & Structures, Municipal Bldg., 2 story, 109 x 150 ft., brick, concrete, West Farms and 174th St. $120,000. Private plans.

N. Y., New York—GAS STATION and GARAGE—Wandsworth Corp., S. Pearce, pres., 2804 3rd Ave., plans by M. Klein, 65 Court St., Brooklyn, 6 story, 110 x 200 ft., gas station and garage, Mott Ave. and 156th St. $600,000.

N. Y., New York—SERVICE GARAGE—F D M Inc., F. DeMarco, pres., 1212 University Ave., plans by W. Shary, 41 Union Sq., 1 story, 100 x 103 ft., brick, concrete, River Ave. and 157th St. $60,000.

N. Y., New York—SERVICE GARAGE—M. Horowitz, 703 West 171st St., and S. Glass, 2506 Grand Concourse, plans by M. J. Ort, 424 East 149th St., 2 story, 100 x 141 ft., brick, concrete, Jerome and Mt. Eden Aves. $40,000.

N. Y., New York—SERVICE GARAGE—Waring Plains Corp., C. Klapon, pres., 505 East Tremont Ave., plans by C. S. Clark, 441 East Tremont Ave., 1 story, 95 x 200 ft., brick, concrete, Buhr and Appleton Aves. $40,000.

N. Y., New York—SERVICE GARAGE—West Farms & Boone Avenue Corp., 1391 Nelson Ave., R. Gruthman, pres., plans by L. Stillman, 1993 Stillman Ave., 3 story, basement, brick, concrete, Boone Ave. and 176th St. $75,000.

N. J., Elizabeth—FACTORY—Owner, c/o J. Anderson, archt., 251 North Broad St., sketches 2 story, basement, 60 x 150 ft., brick, steel, plain found., Loomis St. and 3rd Ave. $40,000.

Ind., Evansville — FACTORY — Graham Bros., Stringtown Rd., soon lets contract rein.-con., brick, steel, 130,000 sq.ft. floor space. $250,000. Thole & Legeman, 307 American Trust Bldg., archts.

N. J., Jersey City — DISTRIBUTING PLANT and WAREHOUSE — Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark, rejected bids 2 story, basement, 125 x 195 ft., brick, steel, plain found., 107-15 New York Ave. $250,000. Pub. Serv. Production Co., 80 Park Pl., Newark, archts. Noted July 7.

N. J., Jersey City — ELECTRIC SUBSTATION — Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark, rejected bids 2 story, basement, brick, steel, 94½-109 Morgan St. $55,000. Pub. Serv. Production Co., 80 Park Pl., Newark, archts. Noted June 14.

N. J., Kearny (sta. Arlington)—FACTORY and STORAGE — Western Electric Co., 195 Bway., New York, 6 story, brick. To exceed $150,000.

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N. J., Nutley (br. Newark) — PHARMACEUTICAL FACTORY — Hoffman La Roche Co., 19 Cliff New York, factory, Kingsland Rd. $40,000.

Md., Baltimore — FACTORY — Western Electric Co., 195 Bway., New York, E. S. Bloom, pres. (subsidiary American Telephone & Telegraph Co., 195 Bway., New York) telephone cable and wire factory facing water front from Baltimore harbor to Colgate Creek. Total est. about $15,000,000.

N. C., Charlotte — RAYON PLANT — Rayon Co. of America, Wilmington, Del., D. B. Hilliard, pres., rayon plant. $3,000,000.

O., Canton—MANTLE TILE FACTORY—Stark Interior Marble Tile Co., H. Schmidt, pres., 122 Court Ave. S.W., 2 story, basement, brick, Cleveland Ave. N.W. $50,000.

O., Cleveland — FACTORY — Continental Lithographing Co., c/o A. Moellman, pres., 952 East 72nd St., plans by Wright & Hohl, 4614 Prospect Ave., 2 story, concrete, brick, steel, 952 East 72nd St. $75,000.

O., Cleveland—FACTORY—C. B. Dawson, 3106 East 63rd St., 1 story, 56 x 92 ft., brick, steel addition, 3106 East 63rd St. $40,000. Private plans.

O., Willoughby—ICE PLANT—City Ice & Fuel Co., c/o C. C. Coneby, 6611 Euclid Ave., Cleveland, 1 story, 100 x 100 ft., concrete, brick, steel. $100,000. Private plans.

Mich., Detroit—BEARINGS FACTORY—Federal Mogul Corp., 11031 Shoemaker Ave., plans by Pollmar & Ropes, 704 Hoffman Bldg., 1 story, 120 x 180 ft., brick, steel, plain found., Shoemaker Ave. $50,000.

Wis., Milwaukee—CANDY FACTORY—Thoringer & J. Bruecker, archts., 774 3rd St., soon lets contract 5 story, 50 x 140 ft., rein.-con., brick, steel, plain found., Pittsburg Ave., for Sperry Candy Co., 140 Reed St. Noted Oct. 25.

Kan., Kansas City—FREIGHT DEPOT—Universal Car Loading & Distributing Co., 1504 Wyoming St., 1 story, 75 x 250 ft., rein.-con., brick, steel, incl. traveling crane. $100,000. Private plans.

Mo., Carthage—PLANING MILL—Morrow-Kidder Mfg. Co., sketches brick, concrete mill. $75,000.

Tex., Abilene—POWER PLANT, etc.—West Texas Utilities Co., Abilene, 60,000 hp. power plant in 3 units, dam to impound 2,500 ft. (acre) of water annually, on Lytle Creek near here. $5,000,000. Private plans.

Tex., Dallas — NEWSPAPER PLANT — Times-Herald, 1305 Elm St., plans by Lang & Witchell, Amer. Exch. Bank Bldg., 3 story, basement plant. $300,000.

Tex., Raymondville—ICE PLANT—G. R. Lochrie, Raymondville, 1 story, 40 ton capacity, ice plant, brick, concrete. $50,000. Private plans.

Tex., Skidmore—ICE STORAGE—Pacific Fruit Express Co., c/o H. T. White, asst. genl. mgr. and engr., Southern Pacific Bldg., 65 Market St., San Francisco, Calif., soon lets contract 100 ton capacity ice storage building, concrete, timber, 5 car length, timber unloading platform, incline, crossover, double retarding conveyor, removing, relocating present machinery. Private plans.

Okla., Oklahoma City—PLANT—V. V. Campbell & Co., Reno St., extract manufacturing plant, 27th and Santa Fe Sts. $65,000. Private plans.

Colo., Colorado Springs — AIRPLANE FACTORY—Imblum Aeronautical Co., 410 West 4th St., Pueblo, and Colorado Springs Chamber of Commerce, E. E. Jackson, secy., sketches plant near Alexander airport. $250,000.

Wash., Seattle — PLANT — Boeing Airplane Co., 330 West Front St., factory addition, repair shop, hangars, landing field. $4,000,000.

Wash., Woodland—POWER PLANT, etc.—Northwest Electric Co., L. T. Merwin, vice pres. and genl. mgr., Pittock Bldg., Portland, Ore., power plant, dam, 230 ft. high to develop 60,000 hp., on Cowlitz River, 12 mi. east of here. $5,000,000.

California — CANNERY — S. J. Lubin, pres. Sacramento Region Citizens Council, Sacramento, representing owner, cannery in Sacramento or San Francisco. $5,000,000. Engineer and architect not selected.

Calif., Los Angeles—CAN FACTORY—Continental Can Co., 303 San Fernando Rd., plans by Francisco & Jacobus, Pershing Square Bldg., 2 story, 300 x 600 ft., rein.-con., Union Pacific Tract.

Calif., San Francisco — AUTOMOBILE LAUNDRY — Corporation (now being organized), plans by G. L. Rosebrook, 1404 Franklin St., Oakland, group 1 story, steel, brick, incl. automobile laundry, free market, administration and tower buildings, Market St. and Van Ness Ave. $200,000. Noted July 26.

Calif., San Francisco—FACTORY—Challenge Creamery & Butter Assn., 807 Montgomery St., factory. To exceed $40,000.

Calif., South Gate—FACTORY—K. & M. Pottery Co., 2318 East 52nd St., Los Angeles, factory. To exceed $40,000.

Que., Montreal—PLANT—Canadian Carbonate, Ltd., R. C. Holbrooke, mgr, carbonic acid gas plant, Colbourne St. $150,000.

Ont., Leaside—STONE PLANT—Nicholson & Curtis Cut Stone Co., 1117 Yonge St., Toronto, brick, steel plant, plain found. $150,000. Engineer and architect not selected.

Sask., Regina — GAS PLANT — Drake-Jones Co., 210 1st Natl. Soo Line Bldg., Minneapolis, Minn., seeking franchise for gas plant, 50 mi. gas mains to be laid. $1,500,000.

Bids Desired

N. H., Manchester—SERVICE and REPAIR GARAGE—Perreault & Labonte, Elm St., taking bids 2 story, concrete, steel, plain found., Blodgett, Black and Elm Sts. $40,000 or more. C. R. Whitcher, 814 Elm St., archt.

Mass., Boston—FREIGHT—Nov. 16, by New York, New Haven & Hartford R. R. Co., E. Gagel, ch. engr., New Haven, 1 story, 60 x 650 ft., brick, steel, steel truss freight house, Fargo St. Est. $150,000. Private plans.

Mass., Framingham—SERVICE GARAGE SHOWROOM, REPAIR SHOP—See "Contracts Awarded."

Mass., Newton (Ind. br. Boston)—SERVICE and REPAIR GARAGE—See "Contracts Awarded."

Mass., Saugus — FACTORY — See "Contracts Awarded."

Conn., Danbury—SERVICE and SALES—Nov. 26, by Anderson Nash Corp., 143 White St., 1 story, 68 x 120 ft., brick, West St. $45,000. Private plans.

Conn., New London — GARAGE — A. E. Neimon, 36 Cleveland St., taking bids 1 story, 75 x 125 ft., brick, steel, May St. $45,000. F. DeGange, 60 Ocean Ave., archt.

Conn., Waterford—SERVICE—Nov. 16, by Connecticut Power Co., 33 Union St., New London, 3 story, brick, steel service building. $200,000. L. H. Goddard, 85 State St., New London, archt. Noted Sept. 20.

N. Y., Brooklyn—GARAGE—See "Contracts Awarded."

N. Y., Brooklyn—SERVICE GARAGE—Kram Realty Corp., J. Marks, pres., 285 Madison Ave., New York, taking bids separate contracts service garage, Union St. and 7th Ave. $200,000. Kleinert & Klie, 250 Park Ave., New York, archts. Noted Oct. 25.

N. Y., Long Island City — SERVICE GARAGE — See "Contracts Awarded."

N. Y., New York—SERVICE GARAGE—See "Contracts Awarded."

N. J., Elizabeth—FACTORY—See "Contracts Awarded."

N. J., Jersey City — REPAIR SHOP — Flagg & Stades, archts., 665 Newark Ave., bids about Dec. 1, general contract 2 story, basement, brick, steel, plain found., 3218 Hudson Blvd., for Liberty Auto Radiator Co., 3218 Hudson Blvd., $40,000. Noted Nov. 8.

N. J., North Bergen (Ind. br. West New York)—IRON FACTORY—See "Contracts Awarded."

N. J., Orange—DRESS FACTORY—G. Kelly (L. J. Goldberg, in charge), 1 North Harrison St., East Orange, taking bids 2 story, basement, 50 x 100 ft., brick, steel, plain found., 26 Canfield St. $40,000. C. H. Baldwin, 350 Main St., archt. B & B Mfg. Co., Thomas St., lessee. Noted Nov. 8.

S. C., Spartanburg — FACTORY — Lockwood Greene Engineers, Inc., engrs., Spartanburg, taking bids fireproof building, 12,000 sq.ft. floor space, for Stewart Bros. Paint Co., Inc., Alliance, O. To exceed $40,000.

Ind., Ft. Wayne — FACTORY — John Deere Co., Moline, Ill., taking bids 4 story, 100 x 100 ft., rein.-con., brick, Jackson and West Main Sts. $150,000. Private plans.

Ill., Chicago—FACTORY—F. E. Davidson, archt., 53 West Jackson Blvd., bids about Dec. 5, 5 story, basement, 180 x 300 ft., rein.-con., brick, Crawford and Diversey Aves., for Olson Rug Co., 32 South Laflin St. $1,000,000.

Ark., Ft. Smith — CREAMERY — See "Contracts Awarded."

Tex., San Antonio—POWER SUB-STATION—See "Contracts Awarded."

Colo., Colorado Springs — LAUNDRY, BOILER HOUSE—St. Francis Hospital takes bids about Nov. 15, 2 story, basement, brick laundry and boiler house. $50,000. D. X. Murphy & Bro., Louisville Trust Bldg., Louisville, Ky., archts.

Colo., Pueblo—TIRE SHOP—Firestone Tire & Rubber Co., c/o W. K. Hurd, agt., 7th and Court Sts., bids about Nov. 15, 1 story, basement, brick, steel, concrete, incl. filling station, oiling and car washing dept., 8th and Court Sts. $50,000.

Buildings—Industrial (Continued)

Calif., Santa Monica—NEWSPAPER—F. D. Rutherford, archt., Mills-Fraser Bldg., taking bids rein.-con. newspaper publishing plant, 4th St., for Santa Monica Evening Outlook. $100,000. Noted Oct. 18.

Contracts Awarded

Vt., Barre — SERVICE and REPAIR GARAGE — H. F. Farnham & Sons, 50 Court St., 1 story, steel, concrete, plain found., 330 North Main St., to C. D. Marsh Constr. Co., Woodsville, N. H. steel, to Smith & Lovett Co., 135 Taylor St., Boston, Mass. Est. $40,000.

Mass., Arlington (br. Boston)—SERVICE and REPAIR GARAGE—W. M. Clifford, 31 Madison Ave., Cambridge, 1 story, brick, rein.-con., steel, plain found., Park Blvd., to J. J. Powers, 33 Myrtle Ave., Cambridge. Est. $40,000.

Mass., Boston — FACTORY — Chickering Building, c/o G. B. Washburn, archt., 74 Highland Ave., Arlington, altering and constructing 5 story, basement, brick addition, plain found., 791 Tremont St., to G. B. Brown, 74 Chester Ave., Chelsea. Est. $40,000 or more.

Mass., Framingham — SERVICE GARAGE, SHOWROOM and REPAIR SHOP — C. McGrady, 1 story, 95 x 135 ft., rein.-con., steel, plain found., River St., separate contracts. $45,000. E. F. Allbright, 761 Dudley St., Dorchester, archt.

Mass., Leominster—FACTORY—DuPont Viscoloide Co., F. B. Davis, Jr., pres., factory and storehouse, Lancaster St., to Wiley & Foss, Central St., Fitchburg.

Mass., Malden (br. Boston)—ICE MANUFACTURING PLANT—Boston Ice Co., 11 Deerfield St., Boston (subsidiary Knickerbocker Ice Co., 41 East 42nd St., New York), 1 story, 125 x 150 ft., brick, limestone, cast stone and terra cotta, to Vappi & Ferguson, 552 Massachusetts Ave., Cambridge. Est. $75,000. Noted Nov. 8.

Mass., Mattapan (sta. Boston) — ICE PLANT — Milton Ice Co., 45 Babson St., altering and constructing 1 story, brick, steel addition, to W. T. Reed Co., 201 Devonshire St., Boston.

Mass., Newton (Ind. br. Boston)—SERVICE and REPAIR GARAGE—Abramson & Bennett, Auburn St., Auburndale, 1 story, 50 x 200 ft., brick, steel truss, plain found., Auburndale section, separate contracts. To exceed $40,000. J. A. Tuck, 164 Lincoln St., Boston, archt. Noted Feb. 9.

Mass., Roxbury (Sta. Boston)—FACTORY—C. H. W. Foster, 15 State St., Boston, altering 5 story, brick, plain found., 791 Tremont St., to C. R. Woolmer, 116 Garland St., Everett.

Mass., Roxbury (sta. Boston)—SERVICE, REPAIR GARAGE and SHOWROOM—Owner, c/o S. J. Rankin, archt., 1117 Columbus Ave., 1 story, brick, steel addition, plain found., Belgrade Ave., to R. F. Gleason, 304 Belgrade Ave., Roslindale. Est. $40,000.

Mass., Salem — MANUFACTURING PLANT — Salem Chemical Co., Osborn St., altering and constructing 1 story, timber addition, plain found., to Pitman & Brown, 11 Washington St.

Mass., Salem—SERVICE and REPAIR GARAGE — Colonial Garage, Inc., 281 Derby St., altering and constructing 1 story, brick, steel truss service and repair garage addition, and boiler house plain found., to Pitman & Brown Co., Washington St. Est. $40,000.

Mass., Saugus — FACTORY — N. W. Mathey, 130 Eastern Ave., Lynn, 1 story, basement, 60 x 100 ft., rein.-con., plain found., Auburn St., separate contracts. Private plans.

Mass., Springfield — PLANT — Moore Drop Forging Co., A. H. Chapin, pres., 2 story, brick additional unit, plain found., Walter St., to Adams & Ruston Constr. Co., 1387 Main St.

Mass., South Boston (sta. Boston)—FACTORY—Terkelson Machine Co., 326 A St., 2 story, brick, timber, plain found., to W. Porter, 62 Grampian Way, Dorchester. Former contract rescinded. Noted Aug. 23.

Mass., Worcester — GAS PLANT — Worcester Gas Light Co., 240 Milk St., gas plant Quinsigamond Ave., to Gas Mchy. Co., 1900 Euclid Ave., Cleveland, C. Est. exceeds $40,000.

R. I., Providence—FOUNDRY—Brown & Sharpe Mfg. Co., H. Sharpe, pres., Promenade St., 1 story, brick, steel addition, to Central Eng. & Constr. Co., 20 Bond St., Holyoke, Mass. Est. $40,000 or more. Noted Nov. 8.

R. I., Providence—JEWELRY FACTORY—Uncas Mfg. Co., 85 Sprague St., altering 2 story, brick, plain found., Sprague St., to Bouvier-Brien Constr. Co., 189 Sayles St., Woonsocket.

R. I., Providence — SERVICE and REPAIR GARAGE — Colt, Birmingham & Brady, Inc., 1 Reservoir Ave., altering and constructing 1 story, concrete, steel addition, plain found., to E. Turgeon, 36 Exchange St. Est. $40,000. Noted Nov. 8.

R. I., Providence — PLANT — Providence Lithograph Co., Prairie Ave., 1 story, 45 x 135 ft., brick, timber addition, plain found., Prarie and Reynolds Aves., to C. I. Bigney Constr. Co., Inc., 260 West Exchange St.

Conn., Bridgeport — FACTORY — Amer. Tube & Stamping Co., 766 Stratford Ave., 3 story, 35 x 100 ft., brick, steel unit, Stratford Ave., to T. J. Pardy Constr. Co., 1481 Seaview Ave. Est. $50,000.

Conn., Fairfield—FACTORY—McKesson & Robbins Co., Grasmere St., 5 story, 100 x 200 ft., rein.-con., to E. & F. Constr. Co., 94 Wells St., Bridgeport. Est. $155,000. Noted Oct. 25.

Conn., New Britain—FACTORY—Landers, Frary & Clark, Center and Commercial Sts., 1 story, 123 x 200 ft., rein.-con. enameling building, and 30 x 123 ft., steel storage building, incl. platforms, concrete roadway, to Morton C. Tuttle Co., Park Sq. Bldg., Boston, Mass. Est. $110,000.

Conn., New London—FACTORY—Rich & Rubin, c/o F. DeGange, archt., 60 Ocean Ave., 2 story, 25 x 50 ft., and 25 x 100 ft., brick plant. $40,000. Owner builds.

Conn., West Haven (br. New Haven) — WEAVING SHED — Velvet Textile Corp., Gilbert St., 1 story, 45 x 152 ft., brick, steel, to Hewlet Co., 886 Main St., Bridgeport. Est. $40,000. Noted Oct. 18.

N. Y., Brooklyn — FACTORY — Steel & Tubes, Inc., J. L. Sussman, pres., factory, to Austin Co., 120 Bway., New York. Est. $40,000. Noted Oct. 25.

N. Y., Brooklyn—SERVICE GARAGE—Corporation, c/o J. S. Ramke, 1710 Ocean Ave., service garage, Meeker and Vandervoort Aves., to Curtis Building Co., 1710 Ocean Ave. Est. $40,000.

N. Y., Brooklyn—GARAGE—D. Saladino, 1307 Dean St., garage addition, Bergen St. and New York Ave., separate contracts. $100,000. F. Savignano, 6005 14th Ave., archt.

N. Y., New York—SERVICE GARAGE—Bator Realty Corp., H. E. O'Donnell, pres., 140 Nassau St., 2 story, separate contracts. $60,000. W. Shary, 41 Union Sq., archt. Noted Nov. 1.

N. Y., Long Island City — SERVICE GARAGE — Mileage Gas Corp., 2 Park Ave., New York, 25 x 85 ft., brick, concrete, separate contracts. $50,000. Private plans. Noted Nov. 1.

N. Y., New York—SERVICE GARAGE—Dulcis Realty Corp., M. Wasserman, pres., 1825 Harrison Ave., service garage, separate contracts. $100,000. A. Pirner, 2742 Tremont Ave., archt. Noted Nov. 1.

N. Y., New York—SERVICE GARAGE—Lemel Realty Corp., M. Mastel, secy., 24 Dadworth St., Brooklyn, 2 story, 90 x 108 ft., brick, concrete separate contracts. $40,000. Gluck & Duma, 400 East Fordham Rd., archts. Noted Nov. 1.

N. J., North Bergen (Ind. br. West New York)—IRON FACTORY—F. J. Mullery Iron Wks., Inc., 574 12th St., West New York, 2 story, basement, 200 x 200 ft., brick, steel, plain found., 28th St., separate contracts. $75,000. C. Eicholz, 960 Bergenline Ave., Union City, archt.

N. J., Paterson—AIRPLANE PLANT—Wright Aero Corp., 238 Lewis St., general contract 1 and 2 story, rein.-con., brick, plain found., 238 Lewis St., to J. W. Fergerson Co., 152 Market St. Est. $65,000.

Md., Baltimore — PLANT — Chesapeake Paperboard Co., Key Highway and Baltimore & Ohio R.R., 2 story, 80 x 180 ft., brick, steel addition, concrete found., to Fred Wright Co., 217 North Calvert St. Noted Aug. 9.

Md., Baltimore—WAREHOUSE — American Oil Co., Amer. Bldg., 3 story, basement, 63 x 99 ft., concrete, brick, steel, Curtis Bay, to Consolidated Eng. Co., 20 East Franklin St., $100,000.

Md., St. Helena (Sta. Baltimore)—FACTORY—Chemical & Pigments Co., two 70 x 100 ft., concrete, steel additions, to Price Constr. Co., Maryland Trust Bldg., Baltimore.

Va., Snowden — HYDRO-ELECTRIC PLANT, etc. — Hydro-Electric Corp., M. E. Marcus, pres., Mutual Bldg., Richmond, 10,000 hp. hydro-electric generating plant and dam, on James River, near here, to Reinhart & Dennis, Charlottesville.

Tenn., Sparta—SILK THROWING MILL — J. C. Welwood Corp., 2 Park Ave., New York, 1 story, basement, 100 x 243 ft., concrete found., cast iron columns, to Foster & Creighton Co., 4th and 1st Bldg., Nashville. Noted Oct. 25.

O., Canton—FACTORY—Hercules Motor Corp., 1 story, 90 x 180 ft., brick, steel, Halliwell Ave., S.E., to A. F. Wendling Co., Massillon, $100,000. Noted Nov. 8.

O., Canton—LUBRICATION PLANT—Putman Lubrication Co., 1 story, 41 x 198 ft., fireproof, 2nd and McKinley Aves. N. W., to L. Ream, 2401 6th St. N. W., $40,000.

O., Cleveland — FACTORY — Precision Castings Co., c/o J. W. Millspaugh, local representative, Keith Bldg., 1 story, 30,000 sq.ft. floor space, brick, steel, Berea Rd., to J. O. Taylor Co., South Saline St., Syracuse, N. Y. Est. $75,000.

O., Cleveland—FOUNDRY—Atlas Fdry. Co., J. H. Bruce, pres., West 69th St. and Wheeling & Lake Erie R.R., 1 story, 30 x 90 ft., brick, steel addition, to Bolton-Pratt Constr. Co., 7113 Euclid Ave. Est. $40,000. Noted Nov. 1.

O., Cleveland—LABORATORY—Midland Steel Product Co., E. J. Kulas, pres., West 106th St. and Madison Ave., 1 story, 80 x 120 ft., brick, steel, West 106th St. and Madison Ave., to Austin Co., 16112 Euclid Ave. Est. $75,000.

O., Dayton—GARAGE and REPAIR—L. Stotter, 1305 Glendale Ave., 1 story, 100 x 156 ft., rein.-con., brick, tile, plain found., Wayne and Richard Sts., to A. P. Ziegler, Cooper Bldg., $110,000.

Ind., Indianapolis—MACHINE SHOP and GARAGE—R. McGregor, 541 Consolidated Bldg., general contract 1 story, 70 x 200 ft., rein.-con., brick, steel, to A. V. Stackhouse, 2611 Cornell Ave. Est. $45,000.

Ind., Indianapolis—MACHINE SHOP and GARAGE—S. Johnson, 3668 Central Ave., general contract 1 story, 65 x 135 ft., rein.-con., brick, steel to B. Branson, 1502 West 26th St. Est. $45,000. Noted Nov. 1.

Mich., Detroit — CAR STORAGE — Packard Motor Car Co., East Grand Blvd., 2 story, 130 x 380 ft., rein.-con., brick top addition, Beaufait Ave., to Everett Winters Co., 1651 East Grand Blvd. Est. $200,000.

Mich., Detroit—FACTORY—Dodge Bros. Division Chrysler Motor Car Corp., 341 Massachusetts Ave., Highland Park, 1 story, 120 x 1,950 ft., rein.-con., brick, steel, plain found., to W. E. Wood Co., 1805 Ford Bldg. Noted Oct. 18.

Mich., Detroit—FACTORY—Hudson Motor Car Co., 12601 Jefferson Ave., 2 story, basement, 80 x 345 ft., rein.-con., brick, steel addition, plain found., to Otto Misch Co., 159 East Columbia St. Noted Oct. 18.

Mich., Detroit — MACHINE SHOP — Chrysler Corp., 341 Massachusetts Ave., Highland Park, 1 story, 160 x 800 ft., brick, steel, plain found., East Jefferson Ave., to H. G. Christman-Burke Co., 315 Stevens Bldg.

Mich., Detroit—PIPE SHOP and WAREHOUSE—Crane Co., 150 Randolph St., Detroit, and 836 South Michigan Blvd., Chicago, Ill., 1 story, 50 x 230 ft., brick, steel, plain found., St. Jean Ave., to Cooper-Little Co., 844 Macabees Bldg. Est. $50,000.

Mich., Saginaw — FACTORY — Cowles & Mutscheller, archts., 114 North Washington Ave., 1 story, 30 x 271 ft., brick, steel, plain found., to Federal Constr. Co., 102 Hoyt St., for Wilcox Products Div. of Wilcox-Rich Corp., Rust St. Est. $50,000.

Ill., Chicago—ICE CREAM FACTORY—E. K. Eugene, archt., 436 East 79th St., masonry contract 2 story, 125 x 150 ft., brick, 74th and State Sts., to A. Johnson, 543 West 79th St., for Collins Ice Cream Co., W. C. Collins, 332 South Michigan Ave. Est. $75,000. Noted Sept. 6.

Ill., Chicago—PIE FACTORY—Chicago Pie Co., 328 South Paulina St., general contract 2 story, basement, 120 x 125 ft. rein.-con., to G. Wallentin, 4834 Nevada St. Est. $100,000.

Ill., East St. Louis—FLOUR MILL—The Always-A-Head Mills, Inc., 35th St. and Southern Ry. tracks, 6 story, 60 x 140 ft., flour mill, incl. 40,000 bu. elevators, rein.-con., timber 35th St. and Southern Ry. tracks, to Humphries Contg. Co., Pierce Bldg., St. Louis, Mo.

Wis., Milwaukee — FACTORY — Seaman Body Corp., 1732 Richards St., general contract 5 story, 100 x 300 ft., brick, steel addition, plain found., Richards St. and Capitol Dr., to Dohlman Constr. Co., 456 Bway.; steel, to Worden-Allen Co., Ft. Washington Rd. Total est. $250,000.

Ia., Sioux City—FACTORY—Benson Furniture Co., 1911 East 4th St., 5 story, 40 x 980 ft., rein.-con., to B. E. Short, 418 Court St. Est. $40,000.

Kan., Kansas City — AIRPLANE FACTORY — E. E. Porterfield, Jr., 2800 East 13th St., Kansas City, Mo., 1 story, 100 x 300 ft., and 2 story, 30 x 70 ft., brick, steel, to W. K. Martin, 423 Dwight Bldg., Kansas City, Mo.

Mo., Crystal City—PLANT—Pittsburgh Plate Gales Co., Frick Bldg., Pittsburgh, Pa., 2 story, 100 x 1,000 ft., brick, steel addition. $750,000. Owner builds. Noted Oct. 25.

Mo., St. Louis — METAL WORKING FACTORY — Metalcraft Corp., E. W. Spreen, secy., 4515 Clayton Ave., 1 story, 180 x 253 ft., brick, concrete found., 5105 Penrose St., to Schooley & Chamblin, 6038 Delmar Blvd. Est. $60,000.

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Buildings—Industrial (Continued)

Ark., Fort Smith—CREAMERY—Quality Milk Co., c/o C. Ward, 210 North 10th St., 2 story, 140 x 150 ft., rein.-con., brick creamery and milk pasteurizing plant, day labor, under supervision Cable Eng. Co., engrs., Dallas, Tex. Est. $60,000. Noted Oct. 25.

Tex., Houston—FACTORY—J. E. Evans, Washington Ave., 2 and 3 story, 125 x 250 ft. factory, to T. B. Hubbard Constr. Co., 1507 Shepherd St., $67,000.

Tex., Houston — FACTORY — Wackman Welded Ware Co., 7th and Victor Sts., St. Louis, Mo., 1 story, 92 x 201 ft. factory, to Forest McNeir, 2603 Chartres St. $50,000.

Tex., San Antonio — POWER SUB-STATION — San Antonio Pub. Serv., co., c/o E. H. Kifer, mgr., St. Marys and Crockett Sts. sub-station with 4 large transformers for carrying power to Republic Portland Cement Co. plant (now under construction), 12 mi. north of here, own forces. $70,000. Private plans.

Okla., Oklahoma City—LAUNDRY—J. E. Patterson & Co., Wewoka, 1 story, basement, 150 x 300 ft., rein.-con., brick, plain found., 1st and Olie Sts., to Reinhart & Donovan, Trade Natl. Bank Bldg., $250,000. Mid-City Laundry Co., lessee.

Wash., Hoquiam — PULP and PAPER MILL—Grays Harbor Pulp & Paper Co., (1st unit) paper mill, to Chris Kupplers Sons, Aberdeen. Est. $150,000. Noted Jan. 27, 1927.

Calif., Bakersfield — ICE PLANT — Atchison, Topeka & Santa Fe Ry. Co., R. B. Ball, ch. engr. (coast lines), San Francisco, 1 story, 100 x 183 ft., steel, rein.-con., to R. E. McKee, 1128 Central Bldg., Los Angeles. $72,600. Monitor roofing, water cooling tower, steel loading dock, etc.

Calif., Claremont—PACKING PLANT—Claremont Citrus Assn., 1 story, basement, 90 x 150 ft., timber, corrugated iron packing plant, to C. T. Stover, 11th St., $40,000.

Calif., Los Angeles — LAUNDRY — City Towel Supply Co., 413 East 6th St., 5 story, Class "A" laundry, incl. separate boiler room and office buildings, South San Pedro St., to Easton & Nesser, 323 South Western Ave., $135,000. Noted Nov. 8.

Ont., Princeton — CONDENSED MILK PLANT — City Dairy Co. Ltd., Spadina Crescent, Toronto, general contract 2 story, basement, rein.-con., brick, steel, to J. A. Vance, Woodstock; radial brick chimney, to Francis Hanken Co., 165 Spadina Ave., Toronto. Est. $125,000. Noted Oct. 11.

Ont., Toronto—AUTO PLANT—Willys-Overland Ltd., Weston Rd., general contract 1 story, basement, 90 x 270 ft., rein.-con., brick, steel addition, to W. H. Yates Constr. Co. Ltd., 95 King St. E. Est. $150,000. Noted Sept. 20.

Ont., Toronto—FACTORY—Mundet Cork & Insulation Ltd., 51 St. Lawrence St., general contract 1 and 2 story, basement, 100 x 150 ft., rein.-con., brick, steel, plain found., foot of Booth Ave., to H. A. Wickett Co. Ltd., 156 Front St. E. Est. $100,000.

Ont., St. Catharines—DAIRY PLANT—Silverwoods Ltd., A. E. Silverwood, mgr., London, 1 and 2 story, irregular shaped, brick, Welland Ave., to T. F. Jones, 167 Church St. Est. $75,000.

Buildings—Commercial

Proposed Work

Mass., Boston—FIRE STATION—City, Fire Dpt., Bristol St., plans 2 story, brick, Harrison Ave. corner Bristol St. $150,000 or more. Engineer and architect not selected.

Mass., Boston — HOSPITAL — City of Boston, Hospital Dpt., revised plans by J. H. Ritchie & Association, 250 Stuart St., 8 story, basement, 50 x 140 ft. medical ward building, brick, steel, limestone, plain found., Harrison Ave. $600,000. Noted June 7.

Mass., Boston—OFFICE—Edison Electric Illuminating Co., 39 Boylston St., plans by Bigelow, Wadsworth, Howland & Smith, 11 Beacon St., 14 story, basement addition. To exceed $150,000.

Mass., Cambridge (br. Boston) — FIRE STATION — City, Public Buildings Dpt., fire station. $150,000 or more. Engineer and architect not selected.

Mass., Fall River — BANK — Troy Co-operative Bank, E. W. Bertenshaw, treas., Elm St., bids in December or January, rebuilding bank, Purchase St., recently destroyed by fire. $300,000. Morgan, French & Co., 19 West 44th St., New York, archts. Noted Feb. 23.

Mass., Fall River—STORE and OFFICE—M. J. Coughlin, 176 Bedford St., sketches by L. G. Destremps, 49 Border St., rebuilding 3 or 4 story, basement, brick, plain found., Bedford St., recently destroyed by fire. Noted Mar. 15.

Mass., Marion—GOLF CLUB and GOLF COURSE—Devonshire Manor Sales Corp., 1 East 42nd St., New York, and Chamber Commerce Bldg., Boston, revised plans by Warren & Wetmore, 16 East 47th St., New York, golf club and course, Buzzards Bay. $1,500,000. Noted July 12.

Mass., Mattapan (sta. Boston)—ADMISSION — City of Boston, Hospital Dpt., sketches by J. H. Ritchie & Associates, 250 Stuart St., Boston, 2 story, basement, brick, plain found., River St. $150,000.

Mass., Needham (Ind. br. Boston) — BANK — Needham Natl. Bank for Savings & Trust, H. A. Carter, pres., 402 Highland Ave., sketches by T. M. James Co., 3 Park St., Boston, 1 and 2 story, basement, brick, steel, plain found., Great Plain Ave. $150,000 or more. Noted Oct. 4.

Mass., Northampton — WARD — Cooley-Dickinson Hospital plans by K. S. Putnam, 78 Main St., 3 story, basement, brick, maternity ward building, plain found. $150,000.

Mass., Waltham (Ind. br. Boston)—THEATRE, STORE and OFFICE—Owner, c/o Krokyn, Browne & Rosenstein, archts., 220 Devonshire St., Boston, sketches probably brick, steel, 33 Moody St. To exceed $150,000.

Conn., Bridgeport—HOSPITAL—Bridgeport Hospital, Grant St., plans by E. B. Caldwell, 886 Main St., 2 and 3 story, brick, steel additions, incl. nurses home, kitchen unit, new entrance, maternity ward, boiler unit. $500,000. Noted Oct. 18.

Conn., New Haven—HOTEL and STORE—Wilson H. Lee Co., 246 Meadow St., plans by C. W. Rapp & G. L. Rapp, 190 North State St., Chicago, Ill., brick, steel, Meadow St. and Congress Ave. $500,000 or more.

Conn., Stamford — HOTEL — Shippan Point Hotel Corp., c/o C. Adams, archt., 2038 Spruce St., Phila., Pa., sketches 16 story, brick, steel, concrete, stone, Shippan Point. $4,000,000. Noted July 5.

Conn., Wethersfield — HOME — August Moeller Memorial Foundation c/o G. Zunner, archt., 182 High St., Hartford, sketches home for aged. $150,000 or more.

N. Y., Astoria — APARTMENT — Angels Constr. Co., 11-40 Temple St., Long Island City, plans by R. Lukowsky, 28-13 Newtown Ave., 2 story, brick, timber, 30th Rd. and East Vernon Blvd. $150,000.

N. Y., Brooklyn—APARTMENT—B. J. Aaron Co., Inc., 26 Court St., plans by Cohn Bros., 361 Stone Ave., 6 story, 87 x 100 ft., brick, concrete, Caton Ave., Maple Court and East 17th St. $170,000.

N. Y., Brooklyn — APARTMENT — Corporation, c/o H. Heringham, 26 Court St., plans by M. A. Cantor, 66 Court St., 6 story, 100 x 136 ft., brick, timber, Ocean Ave. and Avenue R. $150,000.

N. Y., Brooklyn — APARTMENT — Corporation, c/o J. Arluck, 224 East 55th St., plans by Cohn Bros., 361 Stone Ave., 6 story, 86 x 100 ft., brick, timber, Parkside and Bedford Aves. $180,000.

N. Y., Brooklyn — APARTMENT — Corporation, c/o M. Leibovitz, 50 Court St., plans by Cohn Bros., 361 Stone Ave., brick, timber, Nassau Ave. and Lorimer St. $300,000.

N. Y., Brooklyn — APARTMENT — S. Kaplan, 912 1st Court, plans by Seelig & Finkelstein, 66 Court St., 4 story, 89 x 120 ft., brick, timber, Humbert St. and Ocean View Ave. $200,000.

N. Y., Brooklyn — APARTMENT — N. Klieman, pres. Veteran Security Corp., 816 Avenue T, plans by Seeling & Finkelstein, 66 Court St., brick, timber, Nathan St. and Ocean View Ave. $190,000.

N. Y., Brooklyn — APARTMENT — S. Scheinblum, 5309 17th Ave., plans by S. Gardstein, 44 Court St., apartment, East 31st St. and Avenue P. $170,000.

N. Y., Brooklyn — STORE and APARTMENT — S. Reswick, 1130 East 24th St., plans by Cohn Bros., 361 Stone Ave., 2 story, brick, Flatbush Ave. and Avenue L. $150,000.

N. Y., East Elmhurst (mail Flushing)—FIRE HOUSES — Fire Dpt., Municipal Bldg., New York, fire houses, 27th Ave. and Karney St. here, and 196th St. and Foch Blvd., St. Albans Heights. $150,000.

N. Y., Far Rockaway—APARTMENT—B. Goldberg, 2077 East 12th St., Brooklyn, plans by Cohn Bros., 361 Stone Ave., Brooklyn, 6 story, 86 x 118 ft., brick, timber, Nelson and Dinsmore Aves.

N. Y., Jamaica — BANK — Mechanics Bank, 215 Montague St., Brooklyn, plans by Homes & Winslow, 153 East 38th St., New York, 1 story, 25 x 120 ft., brick, stone, Jamaica Ave. and East 159th St. $200,000. Noted Sept. 27.

N. Y., Long Island City—WAREHOUSE—Crane Co., 836 South Michigan Blvd., Chicago, Ill., warehouse, Dutch Kills Basin. To exceed $200,000. Engineer and architect not selected.

N. Y., Mount Vernon—APARTMENT—R. B. Smith, 452 5th Ave., New York, plans by H. Wiseman, 25 West 43rd St., New York, apartment, East Lincoln Ave. $1,000,000.

N. Y., New York—APARTMENT—Arne Holding Corp., D. Pederson, pres., 326 East 149th St., plans by G. G. Miller, 1482 Bway., 6 story, 73 x 112 ft., brick, timber, Morris Ave. and Fordham Rd. $150,000.

N. Y., New York—APARTMENT—Corporation, F. Sammartano, 737 Astor Pl., plans by Franklin, Bates & Heindsmann, 2526 Webster Ave., 6 story, 87 x 125 ft., brick, steel, Holland and Astor Aves. $200,000.

N. Y., New York—APARTMENT—Corporation, c/o S. Herbst, 1763 Hoe Ave., plans by DeRose & Cavalieri, 370 East 149th St., 6 story, 85 x 100 ft., brick, timber, Honeywell Ave. and 180th St. $165,000.

N. Y., New York—APARTMENT—Corporation, c/o M. Olivetti, 1492 Westchester Ave., plans by DeRose & Cavalieri, 370 East 149th St., 6 story, 87 x 120 ft., brick, timber, Beaumont and 187th Sts. $195,000.

N. Y., New York—APARTMENT—Corporation, c/o N. Silberman, 1084 Intervale Ave., plans by G. Meisner, 4197 Park Ave., 6 story, 82 x 100 ft., brick, timber, Taylor and Westchester Aves. $150,000.

N. Y., New York—APARTMENT—Elder Realty Co., Inc., J. Auerbach, pres., 2561 White Plains Rd., plans by G. W. Swiller, 4215 3rd Ave., 4 story, 190 x 257 ft., brick, timber, Bronxdale and Barnes Aves. $300,000.

N. Y., New York—APARTMENT—James Ray Realty Corp., D. Palmer, pres., 300 Madison Ave., plans by Sugarman & Berger, 345 Madison Ave., 2 and 6 story apartment, 231st St. and Fairfield Ave. $150,000.

N. Y., New York — APARTMENT — Learex Realty Corp., D. Israel, pres., 902 41st St., Brooklyn, plans by O. Goldschlag, 1482 Bway., 6 story, 71 x 86 ft., brick, timber, 2455 Amsterdam Ave. $160,000.

N. Y., New York—APARTMENT—Montoya Realty Corp., H. Willet, pres., 391 East 149th St., plans by H. Ginsberg, 222 East 42nd St., 6 story, 128 x 335 ft., brick, timber, Sheridan Ave. and 172nd St. $1,250,000.

N. Y., New York—APARTMENT—One Hundred Seventy-Three West 78th St. Corp., C. F. McMorrow, pres., 343 Lexington Ave., plans by G. A. Bagge & Sons, 157 East 44th St., 13 story, 64 x 102 ft., brick, steel, 379 Amsterdam Ave. $625,000.

N. Y., New York—APARTMENT—One Thousand Four Hundred Eight Fulton Avenue Corp., F. Tovolacci, pres., 783 East 169th St., plans by T. F. Price, 243 West 231st St., 6 story, 94 x 100 ft., brick, timber, Fulton Ave. and 170th St. $250,000.

N. Y., New York—APARTMENT—One Thousand Two Hundred and Twenty Seneca Avenue Corp., S. Ruth, pres., 76 Seaman Ave., plans by Lilien & Lilien, 1860 Bway., 6 story, 75 x 82 ft., brick, timber, Seneca and Faile Sts. $150,000.

N. Y., New York—BANK and OFFICE—Servein Realty Corp., M. Weinstein, pres., 64 2nd Ave., plans by Landsman & Smith, 105 West 40th St., 6 story, 25 x 100 ft., brick, 72 2nd Ave. $150,000.

N. Y., New York — HOSPITAL — Psychopathic Hospital, c/o Bd. Trustees Bellevue & Allied Hospitals, J. J. McGrath, pres., foot East 26th St., plans by C. B. Meyers, 31 Union Sq., 8 story hospital, 1st Ave. somewhere between 21st and 30th Sts. $3,700,000.

N. Y., New York—HOTEL—Sixty-Two Riverside Dr. Corp., A. Hicky, pres., 266 West 31st St., plans by Gronenberg & Leuchtag, 1385 Bway., 16 story, 41 x 91 ft., brick, steel, plain found., 336 West 78th St. $400,000.

N. Y., New York—OFFICE and STORE—Seventy-One Bway. Corp., W. J. Filbert, pres., soon lets contract altering and constructing top addition, 71 Bway. $200,000. J. C. Westervelt, 36 West 34th St., archt. Noted Sept. 27.

N. Y., New York — OFFICE — Three Hundred Thirty West 42nd St. Corp., 1457 Bway., bids in spring, Larkin Tower, 110 story 226 x 250 ft., brick, steel, stone, solid concrete slab found., 1,450,000 sq.ft. floor space, 326-46 West 42nd St. and 327-345 West 41st St. $22,500,000. J. A. and E. L. Larkin, 1457 Bway., archts. Noted Dec. 23, 1926.

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Buildings—Commercial (Continued)

N. Y., New York — SANATARIUM — Cedar Rivers Corp., H. B. Steffanson, pres., 285 Madison Ave., plans by K. Fransheim, 345 Madison Ave., 15 story, 57 x 89 ft., brick, steel, 45 East 61st St. $450,000.

N. Y., New York—STORE and APARTMENT—I. Seiffert, 1820 Prospect Ave., plans by L. Stillman, 2419 Webster Ave., 2 story, 100 x 125 ft., brick, timber, Warring and Holland Aves. $200,000.

N. Y., Woodside (Ind. br. Flushing)—APARTMENT—Menorah Constr. Co., 37-44 65th St., plans by J. J. Millman, 26 Court St., Brooklyn, 4 story, 62 x 100 ft., brick, timber, 60th St. and Woodside Ave. $165,000.

N. J., Atlantic City—APARTMENT—L. Mellen, c/o J. Decker, archt., 14 Northfield Ave., West Orange, soon lets contract general contract 5 story, 50 x 115 ft., brick, steel, plain found., States Ave. $150,000. Noted Nov. 1.

N. J., Bayonne—APARTMENT HOTEL—Midlen & Eisenstadt, 116 East 49th St., 5 story, basement, brick, steel, plain found., West 26th St. between Avenues B and C. $200,000. Noted Nov. 1.

N. J., Bloomfield—BANK and OFFICE—Bloomfield Trust Co., Glenwood Ave., plans by Uffinger, Foster & Bookwalter, 221 West 57th St., New York, 5 story, basement, brick, steel, plain found., Broad St., and Bloomfield Ave. $1,000,000. Noted Oct. 25.

N. J., Bradley Beach—APARTMENT—J. C. Malone, c/o E. H. Schneider, archt., 3rd Ave., Spring Lake, 3 story, basement, brick, steel, plain found., 410 Brinley Ave. $150,000. Noted Nov. 1.

N. J., Camden—MUNICIPAL and HALL OF RECORDS—City Comrs., W. S. Price, mayor, City Hall, plans by Edwards & Green, 548 Federal St., Camden, 5 story, basement, brick, steel ,rein.-con., plain found., Market, Arch, 5th and 6th Sts. $6,000,000. Noted Aug. 16.

N. J., East Orange — APARTMENT — Max-Sam Investment Co., M. Wernberg, 109 Hillside Ave., Newark, plans by S. Cohen, 130 Branford Pl., Newark, 4 story, basement, 70 x 200 ft., brick, steel, plain found., 174 North Grove St. $175,000. Noted Nov. 8.

N. J., Highland Park (br. New Brunswick) — APARTMENT — H. Soloman, c/o H. G. Bach, archt., 63 Schureman St., New Brunswick, sketches 3 story, basement, brick, steel, plain found., Abbott St. $150,000.

N. J., Hoboken—BOXING ARENA—M. Russell, c/o A. E. Sleight & Son, archts., 136 Washington St., Paterson, sketches 2 story, basement, 200 x 200 ft., brick, steel, plain found., 14th and Clinton Sts. $150,000.

N. J., Irvington (Ind. br. Newark)—APARTMENT—Owner, c/o E. F. Hauser, archt., 9 Clinton St., Newark, sketches 5 story, basement, brick, steel, plain found. $150,000.

N. J., Jersey City—CLUB HOUSE—P. O. Simeone & Co., Inc., archts., 22 Journal Sq., soon lets contract 3 story, basement, 75 x 100 ft., brick, steel, plain found., 24 Liberty Ave., for Polish Amer. Democratic Club, 22 Liberty Ave. Est. $150,000. Noted Oct. 11.

N. J., Linden — APARTMENT and STORE — T. De Luca, 108 Washington Ave., Elizabeth, plans by J. B. Beatty, 15 North Reid St., 3 story, basement, 50 x 100 ft., brick, steel, plain found., Wood Ave. $150,000.

N. J., Long Branch — APARTMENT — Coast Realty & Constr. Co., sketches 3 story, basement, brick, steel, plain found. $150,000.

N. J., Long Branch — HOTEL and GARAGE—W. H. Pawson, 25 West 43rd St., New York, sketches by Ellis, Aaronson & Heidrich, 25 West 43rd St., New York, hotel and garage, Ocean Ave. $3,000,000.

N. J., Newark—CLUB HCUSE—Knights of Columbus, 65 Lincoln Park, plans by Clinton & Russell, 17 John St., New York, 8 story, basement, brick, steel, rein.-con., plain found., 61-67 Lincoln Pl. $1,500,000. Noted Mar. 22.

N. J., Newark—OFFICE and THEATRE—Stanley Fabian Corp., 17 Academy St., brick, steel, 878-880 Broad St. $1,000,000.

N. J., Paterson — STORE and APARTMENT—M. Kinner, c/o H. Fritz, archt., 629 Main Ave., Passaic, 4 story, basement, brick, steel, plain found. $150,000.

N. J., Teaneck (br. Hackensack) — THEATRE—Giban, Inc., 274 Madison Ave., New York, 2 story, basement, brick, steel, 3,500 seating capacity, West Englewood Sq. $250,000.

N. J., Woodbury—APARTMENT—W. M. Stanton, archt., Land Title Bldg., Phila, Pa., soon lets contract 4 story, basement, 44 x 115 ft., 42 x 86 ft., and 42 x 58 ft., brick, steel, plain found., for Evergreen Apartments, Inc., Real Estate Trust Bldg., Phila., Pa.

D. C., Wash. — APARTMENT — E. H. Dewey & Co., Southern Bldg., plans by W. Douden, Hill Bldg., apartment, store and community center, 12th St. N. E. near Perry St. $300,000.

D. C., Wash.—APARTMENTS—M. and R. B. Warren, 917 16th St. N. W., plans by Parks & Baxter, 1800 E St. N. W., three apartments Connecticut Ave., Sedgwick and Tilden Sts. N. W. $3,000,000.

D. C., Wash.—TEMPLE—Almas Temple Ancient Arabic Order, Nobles Mystic Shrine, 1311 K St. N. W., temple, 1313-15 K St. N. W. $200,000.

Va., Petersburg—APARTMENT—F. P. Fox and associates, 20 East 39th St., soon takes bids apartment, Jefferson and Fillmore Sts., incl. garages, 70 ft. driveway. $200,000.

La., Baton Rouge—MEDICAL ARTS—Lafayette Realty Co., L. Gottlieb, pres., plans by E. F. Neild, City Bank Bldg., Shreveport, 9 story, rein.-con., brick, stone, Lafayette St. $300,000.

O., Cleveland—BANK, COMMERCIAL and APARTMENT—Guardian Trust Co., 623 Euclid Ave., sketches by Walker & Weeks, 2341 Euclid Ave., 3 story, basement, 80 x 100 ft., concrete, brick, steel, Wooster Rd. and Blount St. $175,000.

O., Cleveland—STATION—Cleveland Ry. Co., J. H. Alexander, pres., Hanna Bldg., plans by W. Watson & Associates, 4614 Prospect Ave., brick railway operating station, Kinsman Rd. $150,000.

O., Lakewood (br. Cleveland)—APARTMENTS—M. Teplitz, 10003 Columbia Ave., two 4 story, basement, brick, Lake Ave. and West Blvd. $150,000 each. Engineer and architect not selected.

Ind., Bloomington—LODGE—Elks Lodge 446 plans by McGuire & Shook, North Meridian St., Indianapolis, 2 story, basement, 60 x 70 ft., steel, stone, 8th and Walnut Sts. $150,000.

Mich., Detroit — APARTMENT — H. Dunitz, 1336 Dime Bank Bldg., plans by J. I. Weinberg, 514 Free Press Bldg., 5 story, basement, 48 x 176 ft., rein.-con., brick, steel, plain found., Prentis Ave. $150,000.

Mich., Detroit — APARTMENT — W. J. Montgomery, 2006 Penobscot Bldg., plans by C. D. Lundblad, 4070 West Fort St., 4 story, basement, 45 x 103 ft., brick, steel, concrete, plain found., Stimson Ave. $150,000.

Mich., Detroit—CLUB—Owner, c/o J. Kasurin, archt., 502 Empire Bldg., 4 story, basement, 75 x 150 ft., brick, steel, stone, plain found. $150,000.

Mich., Detroit—HOTEL and STORE—Owner, c/o B. C. Wetzel & Co., archts., Dime Bank Bldg., 12 story, basement, 71 x 71 ft., concrete, brick, steel, stone, plain found. $350,000.

Mich., Detroit — SANATORIUM and OFFICE — McVay Sanatorium, 2605 West Grand Blvd., 6 story, basement, 50 x 100 ft., rein.-con., brick, steel, plain found., West Grand Blvd. $150,000.

Mich., Detroit—STORE and OFFICE—Briggs Co., 1800 Buhl Bldg., plans by L. Kamper, Kamper Bldg., Cass Ave., 3 story, part basement, 100 x 300 ft., brick, steel, stone, plain found., Woodward Ave. $250,000.

Mich., Detroit—WAREHOUSE—Michigan Bell Telephone Co., Cass Ave., plans by Smith, Hinchman & Grylls, 800 Marquette Bldg., 4 story, basement, 100 x 150 ft., rein.-con., brick, steel, plain found., Woodrow Wilson Ave. $150,000.

Mich., Ecorse—THEATRE—Owner, c/o P. R. Pereira, archt., 714 Polk Directory Bldg., Detroit, 2 story, part basement, rein.-con., brick, steel, stone, plain found., West Jefferson Ave. $150,000.

Mich., Jackson — OFFICE, THEATRE and GARAGE—Jackson Theatre & Garage Co., 905 Reynolds Bldg., plans by Weston & Ellington, 1507 Stroth Bldg., Detroit, 3 story, part basement, rein.-con., brick, steel, stone, plain found., Jackson and Franklin Sts. $300,000.

Ill., Chicago — APARTMENT—Whitney-Klekamp Corp., 180 North Michigan Ave., plans by R. S. De Goyler & Co., 307 North Michigan Ave., 21 story, basement, 40 x 102 ft., brick, steel, limestone, 1200 Stone St. $1,125,000.

Wis., Milwaukee—APARTMENT—Melbourne Apartments, Inc., c/o B. Uthus, archt., 208 3rd St., 8 story, basement, 100 x 116 ft., brick, concrete, plain found., Wisconsin Ave.

Wis., Milwaukee — APARTMENT — W. Stuckert, archt., Milwaukee, soon lets contract 8 story, 92 x 94 ft., rein.-con., brick, plain found., Prospect Ave., for E. R. Helfaer, 377 Prospect Ave.

Wis., Milwaukee—HOTEL—Owner, c/o B. Uthus, archt., 208 3rd St., 8 story, 50 x 100 ft., rein.-con., brick, plain found., 13th St.

Ia., Cedar Rapids—THEATRE—Cwner, c/o C. B. Zalesky, archt., sketches rein.-con., brick, stone, terra cotta. $400,000.

Minn., Aitkin—COURT HOUSE—Aitkin Co., c/o Auditor, plans by Toltz, King & Day, Builders Exch. Bldg., St. Paul, 3 story, basement, rein.-con., brick, Bedford stone court house. $150,000.

Kan., Wichita—APARTMENT—Hurley & Park, c/o N. E. Peters, archt., 1006 Crear-Leslie Bldg., Kansas City, Mo., sketches 8 story, basement, 43 x 137 ft., rein.-con., brick, tile, Elm and Lawrence Aves.

Neb., Omaha—APARTMENT HOTEL—Metcalfe Co., 203 South 19th St., 5 story, basement, concrete apartment hotel, incl. garage in basement, 56th and Military Sts. $400,000.

Mo., Kansas City—APARTMENT—C. O. Jones, 402 Continental Bldg., plans by Boillot & Luck, Orear Leslie Bldg., 10 story, basement, rein.-con., brick, 51st St. and Wornall Rd. $1,500,000.

Mo., St. Louis — APARTMENT — Paramount Constr. Co., J. A. Pastel, pres., 904 Chestnut St., soon lets contract 9 story, basement, rein.-con., brick, terra cotta, cut stone, 5070 Waterman Ave. B. Shapiro, 1219 Syndicate Trust Bldg., archt.

Mo., St. Louis—HOME and HOSPITAL—Salvation Army, c/o W. Andrews, 3620 Finney Ave., soon takes bids 3 story, basement, 114 x 139 ft., rein.-con., brick, terra cotta, 3740 Marine Ave. H. G. Clymer, 620 Wainwright Bldg., archt.

Tex., Baird — COURTHOUSE—Callahan Co., c/o W. C. White, judge, bids after Nov. 10, 3 story, part basement, brick, rein.-con., plain found. $150,000. Voelcker & Dixon, Perkins-Snider Bldg., Wichita Falls, archts. Noted Nov. 8.

Tex., Pampa—OFFICE—Gordon & Denebein, Pampa, plans by W. R. Kaufman, 1007 Monroe St., Amarillo, and soon takes bids 5 story (ultimately 7 story), part basement, 75 x 100 ft. brick, steel, rein.-con., plain found. $160,000.

Tex., San Antonio — CLUB, APARTMENT HOTEL—Club Apartment Hotel Building (now being organized), 1008-10 Milam Bldg., plans by Adams & Adams, c/o Real Estate Bldg., 15 story, basement, brick, steel, rein.-con., plain found., incl. 500 seating capacity auditorium, swimming pool, Tobin Circle and 4th St. $900,000.

Tex., Sherman—HOME—J. Tulloch, archt., soon lets contract Sherman, home, for Supreme Forest Woodmen Circle, M. E. LaRocca, pres. Noted Aug. 9.

Tex., Wharton—HOTEL—H. Guidmann, Wharton, sketches 4 story, part basement, 100 x 300 ft., fireproof, Public Sq. $150,000. Private plans.

Okla., Tulsa—STORE—H. C. Brockman, 3901 South Peoria St., 6 story, basement, rein.-con., brick, plain found., 1013 Main St. $200,000.

Okla., Vinita — HOTEL — Manhattan Constr. Co., Muskogee, plans by A. C. Wiser, Court Arcade Bldg., Tulsa, 5 story, basement, 75 x 150 ft., rein.-con., brick, plain found., Main St. $150,000.

Calif., Long Beach—LODGE—Benevolent and Protective Order of Elks 588, Class "A" lodge, Cedar and Ocean Aves. $500,000. Engineer and architect not selected.

Calif., Los Angeles — APARTMENT — California Land & Building Co., 3923 West 6th St., plans by M. Maltzman, Union Bank Bldg., 6 story, basement, 100 x 150 ft., brick, Sunset Blvd. $325,000.

Calif., Los Angeles—APARTMENT—W. Feigenbaum, 322 Union Bank Bldg., plans by M. Maltzman, Union Bank Bldg., 4 story, basement, 105 x 120 ft., brick, 6th St. and Cochran Ave. $200,000.

Calif., Los Angeles—APARTMENT—Franklin Manor Apts. plans by W. D. Lee, 704 Textile Center Bldg., 9 story, basement, 73 x 115 ft., rein.-con., steel, tile, marble, Franklin and Las Palmas Aves. To exceed $150,000.

Calif., Los Angeles—WAREHOUSE—Owner, c/o H. W. Bishop & H. P. Hess, archts., 6328 Eulalia Blvd., Carthay Center, 11 story, 100 x 100 ft., rein.-con., Western Ave. near Melrose Ave. $350,000.

Calif., Pasadena—STORE and OFFICE—J. Roubian, 901 Manzanita St., plans by W. C. Folland, Pacific South West Bank Bldg., 4 story, basement, brick, Colorado St. $150,000.

Calif., Pittsburg—THEATRE and STORE—H. C. Glass, 838 Escobar St., Martinez, plans by N. R. Coulter, 46 Kearny St., San Francisco, Class "A" 7th and Cumberland Sts. $250,000.

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Buildings—Commercial (Continued)

Calif., San Francisco — APARTMENT — Owner, c/o Irvine & Ebbets, archts., Call Bldg., sketches 6 story, basement, steel, Hayes Valley. $175,000.

Calif., San Francisco—OFFICE—Metropolitan Life Insurance Co., California and Stockton Sts., plans by Miller & Pflueger, 580 Market St., 7 story (ultimately 11 story), Class A steel addition, $500,000.

Calif., Santa Monica—HOTEL—R. Dalluge, 315 West 9th St., Los Angeles, probably 10 story, rein.-con., junction of Ocean Ave. and Ocean Ave. extension. To exceed $150,000. Engineer and architect not selected.

Calif., Visalia—HOTEL—F. H. Whipple, 110 South Bridge St., 3 story, basement, fireproof, Main and Bridge Sts. $150,000. Engineer and architect not selected.

Calif., Wilmington—HOTEL—D. Hundremark, c/o E. L. Mayberry, archt., Transportation Bldg., 4 story, basement, 132 room, brick, concrete hotel. $150,000.

Ont., Ford City — THEATRE — S. Meretsky, 840 Ouellette Ave., Windsor, 2 story, basement, concrete, brick, steel, stone, terrazo, Ottawa St. $175,000. Engineer and architect not selected. Noted Oct. 8.

Ont., St. Catharines—CITY HALL—City, 3 story, basement, rein.-con., brick, steel, stone, plain found., James St. $1,000,000. B. F. Lamson, City Hall, engr. Architect not selected.

Ont., Toronto—GARAGE—L. Morgan & Co., archts., Dufferin St. and Rosemount Ave., Weston, soon lets contract 2 story, basement, 100 x 100 ft., rein.-con., brick, steel, plain found., Yonge St., for Lawrence Park Garage, 2637 Yonge St. $150,000.

B. C., Vancouver—OFFICE—G. A. Stimson & Co., Ltd., 801 Hastings St. W., and 300 Bay St., Toronto, 18 story, 100 x 187 ft., Burrard and Hastings Sts. $1,500,000.

Bids Desired

Mass., Allston (sta. Boston) — APARTMENTS—See "Contracts Awarded."

Mass., Brockton—STORE and OFFICE—Majestic Realty Trust, J. Alland, treas., 126 Tremont St., taking bids 1 and 2 story, basement, 80 x 175 ft., brick, limestone, plain found., North Main St. $150,000. C. T. Olson, 101 Main St., archt. Noted Nov. 1.

Mass., Lynn—APARTMENT—See "Contracts Awarded."

Mass., Roxbury (sta. Boston)—APARTMENT—See "Contracts Awarded."

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., Flushing—APARTMENT—Terra Construction Co., 1440 Bway., New York, taking bids separate contracts 6 story, brick, steel, on 100 x 221 ft. site, 165th St. and Cocheron Ave. $450,000. W. I. Hohauser, 17 West 44th St., New York, archt.

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. Y., Sunnyside (mail Long Island City) — APARTMENT — See "Contracts Awarded."

N. Y., Willard — HOSPITAL — Nov. 27 (extended date), by Commissioner Dpt. Mental Hygiene, Capitol, Albany, psycopathic reception building, Willard State Hospital; adv. E. N.-R. Nov. 15. Noted Nov. 1.

N. J., Bayonne — APARTMENT — See "Contracts Awarded."

N. J., Cliffside Park (mail Cliffside)—THEATRE—H. B. Crosby, archt., 125 Ellison St., Paterson, bids about Dec. 1, general contract 2 story, basement, brick, steel, plain found., Gorge Rd. and Anderson Ave., for Syndicate forming (F. Myers, chn.). $150,000.

N. J., Clifton—APARTMENT—J. DeRose, archt., 119 Ellison St., Paterson, bids about Dec. 1, general contract 3 story, basement, 90 x 100 ft., brick, steel, plain found., Putnam Pl. and Union Ave., for J. Visalli, 556 Van Houten Ave., Passaic. $150,000. Noted Nov. 8.

N. J., East Orange—APARTMENT—See "Contracts Awarded."

N. J., Fort Lee—APARTMENT—Lucht & Anderson, archts., 432 Palisade Ave., Cliffside, taking bids general contract 5 story, basement, 60 x 115 ft., brick, steel, plain found., Whitman St. and Palisade Ave., for Sentinel, Inc., c/o Gilvan, Inc., 274 Madison Ave., New York. Noted Oct. 11.

N. J., Jersey City—APARTMENT—See "Contracts Awarded."

N. J., Jersey City—LABORATORY—Dec. 3, at office Chief Executive Officer, Port of New York Authority, 75 West St., New York, 2 or 4 story, 50 x 100 ft., steel, rein.-con., Fox Pl. and West Side Ave. Chief Engineer of Bridges, Port of New York Authority, New York, engr. Noted Nov. 8.

N. J., Lyndhurst (br. Rutherford)—TEMPLE—A. L. Vigliante, archt., 42 Passaic Ave., Garfield, bids about Mar. 1, general contract 2 story, basement, 50 x 100 ft., brick, steel, plain found., for Adoniram Lodge F. & A.M. 237, 16 Riverside Ave. $150,000. Noted Nov. 8.

N. J., Newark—APARTMENT—S. Cohen, archt., 130 Branford Pl., Newark, taking bids altering and constructing 4 story, basement, 50 x 100 ft., brick, steel addition, plain found., 66 North 9th St., for R. Sulkasky, c/o architect.

N. J., Newark—ARMORY—Nov. 16, by Comrs. Institutions & Agencies, State Office Bldg., Trenton, taking bids altering and constructing 4 story, basement, 100 x 232 ft., brick, steel addition to 102nd Cavalry Armory, plain found., Roseville Ave. $150,000. M. N. Shoemaker, 15 Central Ave., archt. Noted Nov. 1.

N. J., Newark—WAREHOUSE—Fletcher Thompson, Inc., archt., 542 Fairfield Ave., Bridgeport, Conn., taking bids 4 story, basement, 50 x 100 ft., brick, steel, rein.-con., plain found., Wallace Pl., for Roseville Storage Co., 24 Cabinet St. Est. $150,000.

N. J., North Bergen (Ind. br. West New York) — APARTMENT — See "Contracts Awarded."

N. J., North Plainfield (mail Plainfield) —APARTMENT and STORE—See "Contracts Awarded."

N. J., Westwood — APARTMENT — See "Contracts Awarded."

Md., Baltimore—HOSPITAL—Nov. 22, by J. E. Sperry, archt., Calvert Bldg., 4 story, irregular shaped, concrete, brick, 139-43 Mosher St., for Hospital for Women of Maryland. H. F. Doeleman, 516 North Charles St., engr.

D. C., Wash. — APARTMENT — E. M. Willis, 927 15th St., bids about Nov. 19, apartment, 1st St. N. W. $250,000. G. T. Santmyer, 917 15th St. N. W., archt.

D. C., Wash.—APARTMENT and STORE—M. Gorim, 1104 Vermont Ave. N. W., taking bids sub-contracts apartment and store, 2nd and Massachusetts Aves. N. E. $300,000. H. H. Warwick, 1104 Vermont Ave. N. W., archt.

D. C., Wash. — STORE — Nov. 20, by W. H. Cookhan, archt., Pennsylvania R.R. Co., Broad St. Sta., Phila., Pa., general contract stores, Water St. from 12th to 14th Sts. S. W., for Potomac Freight Terminal Co., 4½ and D Sts. S. W. A. P. Clark, Jr., 816 14th St. N. W., consult. archt. Noted Nov. 8.

Miss., Sanatorium — SANITORIUM — Nov. 22, by Mississippi Building Comn., State House, Jackson, W. C. Trotter, secy., additions, incl. two 1 story buildings, 5 or more residences, dairy barn, poultry houses, landscape work, repairing administration building incinerator, and sprinkler system. $330,000. B. Price, 1420 Comer Bldg., Birmingham, Ala., archt.

Ind., Indianapolis — SALESROOM and GARAGE — Chevrolet Motor Co., 3044 Grand Blvd., Detroit, Mich., taking bids 2 story, basement, 75 x 130 ft., brick, steel, 34th and Illinois Sts. $150,000. Private plans. Jones-Whitaker Co., 345 North Capital Ave., lessee.

Ill., Chicago—APARTMENT—Rissman & Hirschfeld, archts., 228 North La Salle St., taking bids 8 story, basement, 50 x 130 ft., rein.-con., brick, terra cotta, Jackson Blvd. and Hamlin Ave., for Syndicate, c/o architects.

Ill., Chicago — APARTMENT HOTEL — C. W. Lampe & Co., archts., 155 North Clark St., taking bids 8 story, 80 x 150 ft., brick, stone, glassed in roof, Austin Ave. and Midway Park Blvd., for F. Crowley, c/o architect. Est. $500,000.

Wis., Milwaukee—OFFICE—Nov. 20, by Holabird & Root, archts., 333 North Michigan Ave., Chicago, Ill., 5 story, 120 x 120 ft., rein.-con., brick, plain found., Jackson Ave., for Northwestern Natl. Insurance Co., 168 East Wisconsin Ave.

Wis., Rhinelander — HOTEL — R. W. Ermeling, archt., 58 East Washington St., Chicago, Ill., bids about Nov. 20, 1 story (ultimately 3 story), basement, 135 x 135 ft., rein.-con., timber, for L. B. Broadbridge, 1001 East Jefferson St., Detroit, Mich. $200,000. Noted Oct. 11.

Tex., San Antonio—BANK—Groos Natl. Bank, c/o F. Groos, pres., Commerce and Navarro Sts., taking bids and opens same about Nov. 24, 2 story (ultimately 12 story), 65 x 86 ft., brick, stone, steel, rein.-con., plain found., Commerce and Navarro Sts. $175,000. H. T. Phelps, Hicks Bldg., archt. Stile-Berretta Natl. Bank of Commerce Bldg., engrs. Noted Oct. 18.

Wash., Everett — CITY HALL — A. H. Albertson, archt., Henry Bldg., bids about Jan. 5, 2 story, basement, 105 x 11[illegible] ft., fireproof, Wetmore and Wall Sts. for City, $225,000. Noted Oct. 4.

Ore., Portland—APARTMENT—E. E. Feig, archt., Western Bond & Mortgage Co. Bldg., bids about Nov. 28, 4 story, basement, 93 x 139 ft., rein.-con., timber, plain found., 24th and Weidler Sts., for G. R. Bennett, Portland. $175,000.

Contracts Awarded

Mass., Allston (sta. Boston) — APARTMENTS—Colonial Realty Trust, 1800 Commonwealth Ave., two 5 story, basement, irregular sized, brick, stone, plain founds., 1687-1691 Commonwealth Ave., separate contracts. $150,000 each. S. E. Mottle, 51 Cornhill, Boston, archts.

Mass., Groton — WAREHOUSE—Groton Leatherboard Co., Groton, 2 story, 60 x 200 ft., brick, steel, rein.-con. additional unit, plain found., to Fiske-Carter Constr. Co., 11 Foster St., Worcester. Est. $150,000.

Mass., Jamaica Plain (sta. Boston) — APARTMENTS—W. T. Murray & J. H. Kurman, 46 Almont St., Dorchseter, two 4 story, basement, 15,000 sq.ft. per floor space, to J. S. Resnick, 19 Stratton St., Dorchester. Est. $300,000. Noted Nov. 8.

Mass., Lynn—APARTMENT—A. D. Hosford, 14 Central Ave., 3 story, basement, 90 x 160 ft., brick, stone, plain found., day labor. $160,000. M. Louis, 73 Cornhill, Boston, archt.

Mass., Roslindale (sta. Boston)—BANK—Suffolk Savings Bank, 1 Tremont St., Boston, altering and constructing 4 story, basement, brick, rein.-con., steel addition, plain found., 734 South St., to J. M. Hartwell, 46 Cornhill, Boston. Est. $150,000. Noted Nov. 1.

Mass., Roxbury (sta. Boston)—APARTMENT—D. Finkel, 88 Hazleton St., Mattapan, 3 story, basement, 70 x 125 ft., brick, plain found., Harold St., separate contracts. $155,000. Winebaum & Wexler, 73 Cornhill, Boston, archts.

Conn., Hartford—STORE and OFFICE—Central Co., S. Elsner, 75 Pearl St., 6 story, brick, steel addition, to M. A. Connor Co., 561 Main St. Est. $165,000.

Conn., New Haven—STORE—Schulte United Inc., 485 5th Ave., New York, 3 story, basement, brick, steel, Chapel St. to T. J. Pardy Constr. Co., 1481 Seaview Ave., Bridgeport. Est. $150,000.

N. Y., Brooklyn—APARTMENT—Corporation, c/o A. Weissberg, 148 West 37th St., New York, apartment, Brightwater Court and Darby St., to Balweis Constr. Corp., 148 West 37th St., New York. Est. $180,000.

N. Y., Brooklyn—APARTMENT—Corporation, c/o H. Sugarman, 16 Court St., 6 story, 100 x 140 ft., brick, steel, Colonial Rd. and Mackay Pl., to Sudia Building Corp., 16 Court St. Est. $250,000. Noted Oct. 18.

N. Y., Brooklyn — APARTMENT — Iba Bros. Inc., 148 75th St., 6 story apartment, 4th Ave. and 62nd St., separate contracts. $500,000. Lang & Rosenberg, 1440 Bway., New York, archts.

N. Y., Brooklyn — APARTMENT — One Hundred Thirty-Five Ocean Ave. Corp., 191 Joralemon St., apartment, separate contracts. $350,000. B. W. Dorfman, 66 Court St., archt. Noted Oct. 18.

N. Y., New York — APARTMENTS — Chateau Apartments, Inc., H. B. Spier, pres., two 6 story, 54 x 154 ft., brick, timber, 231st St. and Palisade Ave., separate contracts. $400,000. G. and E. Blum, 415 Lexington Ave., archts. Noted Nov. 1.

N. Y., New York — APARTMENT — P. Aginsky, 20 Featherbed Lane, 6 story, 90 x 100 ft., brick, timber, separate contracts. $300,000. H. I. Feldman, 415 Lexington Ave., archt. Owner taking bids. Noted Nov. 1.

N. Y., New York—APARTMENTS—Del Balso Bros., Inc., 1933 West Farms Rd., two 4 story, 50 x 87 ft. apartments, separate contracts. $150,000. C. Kreymborg, 2534 Marion Ave., archt. Noted Nov. 1.

N. Y., New York—APARTMENT—Herco Realty Corp., S. A. Herzog, pres., 299 Madison Ave., 9 story, 52 x 85 ft. apartment, separate contracts. $200,000. Schwartz & Gross, 347 5th Ave., archt. Noted Nov. 1.

N. Y., New York—APARTMENT—J. J. Lavender, 838 Courtland Ave., 6 story, 87 x 166 ft., brick, timber, Stratford Ave. and 174th St., to Jador Constr. Co., 838 Courtland Ave. Est. $300,000. Contractor taking bids on separate contracts. Noted Nov. 1.

N. Y., New York—APARTMENT—Lynbrook Investment Corp., J. Perlbinder, pres., 332 East 149th St., 6 story, 161 x 284 ft. apartment, separate contracts. $750,000. Franklin, Bates & Heidsmann, 2526 Webster Ave., archts. Noted Nov. 1.

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Buildings—Commercial (Continued)

N. Y., New York—APARTMENT—Malex Realty Corp., M. D. Greshut, pres., 522 5th Ave., 16 story, 100 x 100 ft., brick, steel, to H. R. H. Constr. Corp., 9 East 40th St. Est. $1,000,000. Contractor taking bids on separate contracts. Noted Nov. 1.

N. Y., New York — APARTMENT — S. Panzer, 127 West 170th St. 5 story, 77 x 100 ft., brick, timber, to Iramor Constr. Corp., 127 West 170th St. Est. $150,000. Contractor taking bids on separate contracts. Noted Nov. 1.

N. Y., New York — APARTMENT — C. Rosenberg, 3150 Rochembeau Ave., 6 story apartment, 205th St. and Parkside Ave., to C. R. & S. Constr. Corp., 3150 Rochembeau Ave. Est. $375,000. Contractor taking bids on sub-contracts.

N. Y., New York—APARTMENT—G. Silverman, 652 East 180th St., 6 story, 90 x 120 ft. apartment, separate contracts. $250,000. F. J. Ross, 4200 White Plains Ave., archt. Noted Nov. 1.

N. Y., Sunnyside (mail Long Island City) —APARTMENT—Harfin Homes Corp., 45 West 45th St., New York, 6 story, 90 x 95 ft., 43rd Ave. and 43rd St., separate contracts. $210,000. D. J. Cohan, c/o owner, archt. Noted Nov. 1.

N. J., Asbury Park — APARTMENT — C. E. Van Wickle, 501 Grand Ave., general contract 11 story, basement, 100 x 100 ft., rein.-con., brick, steel, plain found., 4th and Grand Aves., to I. R. Taylor & Co., 906 Asbury Ave. Est. $500,000. Noted Nov. 8.

N. J., Atlantic City — HOTEL — Seaside Hotel, c/o Cook & Blount, archts., 415 Lexington Ave., New York, general contract 10 story, basement, brick, steel, plain found., to J. Mathis & Son, Guarantee Trust Bldg., Atlantic City. Est. $350,000.

N. J., Bayonne — APARTMENT — J. Golush, 154 Avenue B, 4 story, basement, 75 x 100 ft., brick, steel, plain found., 92-4 West 34th St., separate contracts. $150,000. C. I. Goldberg, 437 Bway., archt. Noted Nov. 8.

N. J., East Orange—APARTMENT—Max Sam Investment Co., 109 Hillside Ave., Newark, 4 story, basement, 70 x 200 ft., brick, steel, plain found., 174 North Grove St., separate contracts. $175,000. S. Cohen, 130 Branford Pl., Newark, archt.

N. J., East Orange—APARTMENT—H. Thomas, 101 North Grove St., 4 story, basement, 120 x 172 ft., brick, steel, plain found. separate contracts. $220,000. Warren & Warren, 31 Clinton St., Newark, archts. Noted Nov. 8.

N. J., East Orange—BANK and OFFICE —East Orange Trust Co., 339 Main St., general contract 2 story, basement, brick, steel, plain found., North Arlington Ave. and Arlington Plaza, to W. G. Sharwell & Co., 377 North 5th St., Newark. Est. $150,000. Noted Oct. 4.

N. J., Jersey City—APARTMENT—Advance Development Corp., 63 Greenville Ave., 4 story, basement, 40 x 146 ft., brick, steel, plain found., 149 Bentley Ave., separate contracts. $150,000. C. I. Goldberg, 437 Bway., Bayonne, archt.

N. J., Newark—OFFICE and STORE—K. Mayzil, 24 East Park St., 3 story, basement, 100 x 115 ft., brick, rein.-con., plain found., 269-77 Plane St., separate contracts. $150,000. Private plans. Noted Nov. 8.

N. J., North Bergen (Ind. br. West New York)—APARTMENT—J. Alessi, 25 Broad Ave., Palisades Park, 4 story, basement, brick, steel, plain found., 1193-95 4th Ave., separate contracts. $150,000. G. Willaredt, 25 Broad St., Palisades Park, archt.

N. J., North Plainfield (mail Plainfield)—APARTMENT and STORE—E. Foley, 112 Hillside Ave., Newark, 4 story, basement, 100 x 128 ft., brick, steel, plain found., separate contracts. $150,000. Noted Sept. 6.

N. J., Plainfield — STORE — Montgomery Ward Co., 1000 South Monroe St., Baltimore, Md., general contract 2 story, basement, 50 x 200 ft., brick, steel, plain found., West Front St. between Park and Central Sts., to C. C. Gordon, 437 North Ave., Westfield. Est. $150,000. Noted Nov. 1.

N. J., Spring Lake — HOTEL — Hotel Shoreman, Monmouth Ave., general contract 3 story, basement, brick, steel, plain found., Monmouth Ave., to H. F. Pierce, 519 6th Ave., Belmar. Est. $150,000.

N. J., Westwood—APARTMENT—Fairview & Jefferson Corp., c/o Berlinger & Kaufman, 66 5th Ave., New York, 3 story, basement, 70 x 115 ft., brick, steel, plain found., Jefferson and Fairview Aves., separate contracts. $150,000.

Pa., Bristol—STORE—M. J. Hill, 2 story, basement, 40 x 191 ft., brick, steel, plain found., to Guarantee Realty Constr. Co., 2524 East Girard Ave., Phila. Est. $150,000. Montgomery Ward Co., Chicago Ave. and Larr St., lessee.

Pa., Phila. — APARTMENT — Sherwood Corp., 228 South 40th St., 4 story, basement, 44 x 107 ft., brick, steel, plain found., 6312 Sherwood Rd., to S. Silverman, 228 South 40th St. Est. $150,000.

Pa., Phila. — APARTMENT — Zarch & Fisher, Real Estate Trust Bldg., 4 story, basement, 86 x 152 ft., brick, steel, plain found., 60th and Baltimore Sts. separate contracts. $150,000. J. E. Fieldstein, 112 South 16th St., archt.

Pa., Pittsburgh—APARTMENT—Arlington Apartments, Inc., c/o P. M. Julian, archt., 817 15th St. N. W., Wash., D. C., general contract 10 story, basement, brick, steel, Aiken Ave., to Sumner Sollitt Co., 307 North Michigan Ave., Chicago, Ill. Est. $2,000,000.

Md., Baltimore—Palmer & Lamdin, archts., 513 North Charles St., 2 story, basement, 103 x 144 ft., rein.-con., brick Y. M. C. A. building to M. A. Long Co., Long Bldg., for John Hopkins University. $150,000. Noted Oct. 11.

Tenn., Chattanooga—APARTMENT—A. A. Dragoo, Hamilton Bank Bldg., 3 story, basement, 80 x 200 ft., brick, steel, stone, 5th and Lindsley Sts. Cwner builds. $200,000.

Ky., Louisville—HOSPITAL—A. Loomis, archt., Todd Bldg., remodeling and constructing additions, 4 story in rear 3 story in front 37 x 90 ft. new wing, power and laundry facilities, to H. A. Doll & Co., 1114 Lexington Rd. Est. $150,000. Noted Oct. 4.

O., Cleveland—APARTMENT—C. Bernstein, 815 Swetland Bldg., 3 story, basement, 91 x 103 ft., brick, 2834 East 132nd St., to W. Dolin Constr. Co., 804 Swetland Bldg. Est. $150,000.

O., Columbus—CENTRAL POLICE STATION—City, 5 story, basement, concrete, brick, steel, to Boyajohn & Barr, 299 South Park St. Est. $650,000. Noted Oct. 25.

O., Dayton—MEDICAL CLINIC—Dayton Clinic, Inc., c/o A. R. Arn, Fidelity Medical Bldg., 2 story, 52 x 78 ft., to Industrial Building Co., Reibold Bldg., $150,000. Noted Oct. 25.

O., Shaker Heights (br. Cleveland)—STORE and COMMERCIAL—Lee-Kinsman Co., W. E. Newcomb, pres., 1532 B. F. Keith Bldg., Cleveland, 2 story, basement, 90 x 130 ft., brick, steel, Lee and Kinsman Rd., to Louis Luxenberg, 22044 Lake Shore Blvd., Cleveland. Est. $150,000.

O., Washington C. H.—THEATRE—J. G. Gregory, Springfield, 3 story, basement, 87 x 166 ft., concrete, brick, steel, Fayette St., to Mid-West Eng. & Constr. Co., 209 South 3rd St., Columbus, $150,000.

O., Youngstown—CLUB HOUES—Tippecanoe Country Club, 2 story, basement, Meridan Rd. to Hohloch Constr. Co., Federal Bldg., $150,000.

Ind., Indianapolis—APARTMENT—W. T. Ayers, 3835 East Washington St., general contract 2 story, basement, brick, steel, 4802 East Washington St., to E. M. Bundy, 2160 Ashland Ave. Est. $150,000.

Ind., Indianapolis — AUTOMOBILE — Argonaut Realty Co., General Motors Bldg., Detroit, Mich., general contract 2 story, basement, 120 x 232 x 267 ft., rein.-con., brick, West Pratt St. and Cleveland, Cincinnati, Chicago & St. Louis R.R., to General Builders Co., General Motors Bldg., Detroit, Mich. Est. $200,000.

Ill., Aurora—STORE and OFFICE—Graven & Mayger, archts., 100 North La Salle St., Chicago, general contract 2 story, basement, 100 x 180 ft., store and office building, to W. H. Graham, Graham Bldg., for J. Sherer. Est. $150,000. Noted Sept. 20.

Ill., Chicago—APARTMENT—L. S. Drive Corp., c/o R. S. De Goyler, archt., 307 North Michigan Ave., general contract 27 story, basement, 61 x 90 ft., 1242-44 Lake Shore Dr., to Turner Constr. Co., 228 North La Salle St. Est. $1,500,000. Noted Aug. 23.

Ill., Chicago — APARTMENT — A. L. Himmelblau (owner and archt.), 30 North Dearborn St., masonry and carpentry contract (1st unit) 3 story, 150 x 184 ft., brick, 3701-23 Arthington Ave., to Douglas Constr. Co., 134 North La Salle St. Est. $270,000. Noted Oct. 18.

Ill., Chicago — APARTMENTS — Julius Rosenwald, 4901 Ellis Ave., general contract group 5 story, basement, covering entire block, to B-W Constr. Co., 720 Cass St. Est. $2,750,000. Noted July 19.

Ill., Chicago — APARTMENT — P. F. Olsen, archt., 720 Cass St., masonry contract 7 story, rein.-con., brick to A. E. Anderson, 228 North La Salle St., for S. D. Goldberg, 6737 Jeffrey Ave. Est. $300,000. Noted Oct. 18.

Ill., Chicago — APARTMENT — W. M. Pearson, archt., 7912 East End Ave., masonry contract 6 story, brick, 6751 Jeffrey Ave., to A. E. Anderson, 228 North La Salle St.; carpentry, to Economy Builders, 6407 South Park Ave., for A. M. Turner, 6751 Jeffrey Ave. Est. $175,000.

Ill., Chicago — APARTMENT — J. H. Schwimmer, 4351 Diversey Ave., general contract 3 story, 90 x 231 ft., George St. and Kolmar Blvd., to Bell Constr. Co., 4353 Diversey Ave.; plumbing, to C. R. Ewing, Jr., 4382 Elston Ave.; heating, to A. Eichel, 1905 Milwaukee Ave. Est. $240,000.

Ill., Chicago—OFFICE and GARAGE—A. S. Alschuler, Inc., archts., 28 East Jackson Blvd., general contract 19 story, basement, 120 x 173 ft., for H. W. Rubloff, 10 South La Salle St., to H. Ericsson Co., 228 North La Salle St.; pile foundations, to Paschen Bros., 111 West Washington St. Est. $2,100,000. Noted Oct. 4.

Ia., Davenport — COMMERCIAL—International Harvester Co., 606 South Michigan Ave., Chicago, Ill., three 1 story buildings, one 90 x 520 ft., one 160 x 320 ft., other 40 x 120 ft., concrete, brick, steel, to Priester Constr. Co., Kahl Bldg. Est. $260,000.

Mo., St. Louis—MORTUARY—Zeigenhein Bros. L. & U. Co., 2623 Cherokee St., 2 story, basement, rein.-con., brick, stone, terra cotta, South Kingshighway, to Kellermann Contg. Co., Victoria Bldg. Est. $200,000.

Tex., Houston — EXCHANGE — Southwestern Bell Telephone Co., 11th and Pine Sts., 4 story, 71 x 125 ft., rein.-con., steel, stone top addition, to Standard Constr. Co., 523 Esperson Bldg. Noted Oct. 4. Plumbing and heating, to Warren-Shivers, 305 Hagerman St.

Tex., Houston — STORE — J. H. Jones, Bankers Mortgage Bldg., 6 story, 126 x 150 ft. store, to Southwestern Constr. Co., West Bldg., $500,000. Noted Oct. 18 under "Office."

Tex., Slayton — HOSPITAL — Sisters of Mercy St. Joseph's Catholic Church, c/o T. D. O'Brien, pastor, 2 story, basement, brick, rein.-con., to Brennan Co., Amarillo, $150,000.

Wash., Port Townsend — APARTMENT HOTEL and STORE—J. Hudson, Empire Bldg., Seattle, remodeling brick, stone building, for 200-room apartment hotel, Water St. $200,000. Owner builds.

Calif., Los Angeles — APARTMENT — Cwner, c/o H. T. Miller & A. Sullivan, archts., 5300 Wilshire Blvd., 4 story, basement, 77 x 141 ft., brick, stone, 2nd and Bonnie Brae Sts., to B. Donner, 426 Merchants Natl. Bank Bldg. Est. $175,000.

Calif., Los Angeles—HCSPITAL—Orthopaedic Hospital, 3 story, basement, 113 ft. x 156 ft., rein.-con., timber, tile, incl. auditorium offices, kitchens, pools, 2-story tower, treatment rooms, 2400 South Flower St., to Richards-Neustadt Constr. Co., 117 West 9th St., $285,000. Noted May 24.

Calif., Los Angeles—STORE and LOFT—W. B. Hess & Co., Merchants Natl. Bank Bldg., 8 story, basement, 50 x 150 ft., steel, 1022 Santee St., to P. A. Palmer, Insurance Exch. Bldg., $150,000. Noted May 10.

Calif., Oakland — APARTMENT — H. G. Hill, 869 Trestle Glen Rd., 3 story, basement, timber, plaster, Glen Ave. near Linda Ave., to H. E. Tweed, 81 Glen Ave., $150,000.

Calif., Oroville—LODGE —B. P. O. E., 3 story, basement, 100 x 120 ft., Class "A" construction, to C. S. Mabrey, 4th and J Sts., Sacramento, $165,000. Noted Aug. 30.

Calif., Sacramento—MARKET—E. Wahl & E. Pease, 1103 Alhambra Blvd., (1st unit) 2 story, basement, 100 x 120 ft., brick, steel, rein.-con., to J. Ransdall, 1055 41st St., $50,000. Noted Aug. 23.

Calif., San Francisco—APARTMENT—H. C. Bauman, archt., 251 Kearny St., 23 story, basement, Class "A," to D. Paganini, Clunie Bldg., for Bellaire Building, Inc., Crocker 1st Natl. Bank Bldg. $700,000. Noted Aug. 16.

Calif., San Francisco—APARTMENT—V. Bjors, 695 3rd Ave., 6 story, basement, steel, concrete, Vallejo St. near Octavia St. $175,000. Cwner builds. H. C. Baumann, 231 Kearney St., archt.

Calif., San Francisco—APARTMENTS—Ridgeway Investment Co., 251 Kearny St., two 5 story, basement, rein.-con., steel, Broadway near Octavia St., to Monson Bros., 475 6th St., $500,000. Noted Oct. 4.

Calif., Willows—STORE and APARTMENT—W. M. Kirpatrick, 3 story, frame, stucco, Butte and Walnut Sts., to C. S. Mabrey, 4th and J Sts., Sacramento, $150,000.

Ont., Brantford — APARTMENT — Atlas Finance & Development Co., 1126 Bay St., general contract 6 story, basement, 50 x 120 ft., rein.-con., brick, steel, stone, plain found., to J. L. Young, 48 Ontario St., Stratford. Est. $250,000. Noted Apr. 26.

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Buildings—Commercial (Continued)

Ont., Niagara Falls — HOTEL — General Brock Co. Ltd., general contract 10 story, basement, 50 x 200 ft., rein.-con., brick, steel, stone, plain found., to Pigott Constr. Co. Ltd., 4 Hughson St. S., Hamilton. Est. $1,000,000.

Ont., Sarnia—HOSPITAL—General Hospital Bd., George and Milton Sts., general contract 4 story, basement, 41 x 118 ft., rein.-con., brick, steel, stone addition, plain found., to N. R. Ibbetson, 308 Victoria Rd., Walkerville; structural steel, to Sarnia Bridge Co., 251 Campbell St.; millwork, to Laidlaw-Belton Lumber Co., Devine St. Est. $150,000. Noted Sept. 6.

Ont., Toronto — APARTMENT — E. R. Hoare, 53 Cheritan Ave., carpentry contract for 3 story, basement, brick, steel, stone, Oakwood Ave., to King Bros., 6 Neville Park Blvd.; masonry, to W. H. Snell, 442 Merton St. Est. $150,000.

Ont., Toronto—APARTMENT—J. Evans, 30 Scollard St., excavation for 2 story, basement, rein.-con., brick, steel, plain found., Eglinton Ave., to Orsini & Co., 62 Raglan Ave.; carpentry, to Page & Padgett, 112 Chisholm Ave.; masonry, to Proctor & Lee, 458 Margueretta St. Est. $150,000.

Ont., Toronto — APARTMENTS — H. Davidson Excelsior Life Bldg., masonry contract two 2 story, basement, 119 x 120 ft., rein.-con., brick, stone, plain founds., to W. Pugh, 1262 Broadview Ave. Est. $500,000. Noted Oct. 25.

Ont., Toronto — GARAGE — L. A. De Laplante, 640 Bay St., general contract 6 story, basement, 84 x 150 ft., rein.-con., brick, steel, stone, to Thomson Bros., 56 Grenville St.; mastic flooring, to Vulcan Asphalt & Supply Co., 2258, Bloor St. W.; sheet metal, steel sash and kalamein doors, to A. B. Ormsby Co., 18 Van Horne St. Est $200,000. Noted Oct. 25.

Ont., Toronto—GARAGE—Hyslop Bros., 12 Shuter St., 5 story, basement, 87 x 157 ft., rein.-con., brick, steel, plain found., Bay and St. Albans Sts., to H. A. Wickett & Co., 156 Front St. E. Est. $200,000.

Ont., Toronto — LOFT and OFFICE — Wellington Building Corp., 84 Hilton Ave., general contract 11 story, basement, rein.-con., brick, steel, plain found., to Lumsden Eng. & Transport Co., Lumsden Bldg.; plumbing, heating, ventilating and sprinklers, to Bennett & Wright, 72 Queen St. W. Noted Aug. 30.

Ont., Toronto—THEATRE—B. Grant, 46 Woodycrest Ave., excavation for 2 story, basement, 40 x 100 ft., rein.-con., brick, steel, plain found., Cakwood Ave., to Bonvivere Constr. Co., Confederation Life Bldg.; masonry contract, to G. Robinson, 255 Donlands Ave. Est. $150,000.

Ont., Windsor — MAUSOLEUM — Green Lawn Memorial Park Co., 201 Davis Blk., 1,000 crypt mausoleum, concrete, Indiana limestone, marble, steel, to Canada Mausoleums Ltd., 1509 Metropolitan Bldg., Toronto. Est. $250,000.

Buildings—Educational, Religious

Proposed Work

Me., Lewiston — CATHEDRAL — St. Peters & St. Pauls Cathedral, Lewiston, sketches by O'Connell & Shaw, 134 Newbury St., Boston, Mass., Cathedral, Bartlett St. $500,000.

Me., Rockland — HIGH SCHOOL — City sketches by Bunker & Savage, 256 Water St., Augusta, altering and constructing 2 story, basement, 8 room brick addition, plain found. $150,000.

Mass., Boston — LIBRARY — Boston Medical Library & Massachusetts School, Fenway, sketches by Bigelow, Wadsworth, Hubbard & Smith, 11 Beacon St., medical library addition, Fenway. $300,000 funds being raised for same.

Mass., Boston — MUSEUM — Boston Society of Natural History, C. A. Taylor, pres., 234 Berkley St., sketches by W. T. Aldrich, 30 Newbury St., altering 3 story, basement, brick, Berkeley St. To exceed $150,000.

Mass., Brookline (br. Boston)—SCHOOL—Congregation Kehillath Israel, L. M. Epstei, rabbi, 384 Harvard St., sketches by Krokyn, Browne & Rosenstein, 220 Devonshire St., Boston, 2 story, basement, brick, stone, plain found., Harvard St. $150,000.

Mass., Cambridge (br. Boston)—BIOLOGICAL INSTITUTION—Harvard College sketches by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, 3 story, basement, brick, stone, Oxford St. $1,500,000.

Mass., Concord—SCHOOL—R. C. Fenn, Middlesex School, sketches by W. S. Kussin, 1 Beacon St., Boston, private school Monument St. and Carr Rd. $150,000. Noted Nov. 1.

Mass., Melrose (Ind. br. Boston) — SCHOOL — City, H. H. Stuart, supt. schools, City Hall, soon takes bids 2 story, basement, 60 x 100 ft., brick, plain found., incl. auditorium, Lincoln St. $150,000. C. R. Greco, 11 Beacon St., Boston, archt. Noted Aug. 2.

Mass., New Bedford—CHURCH—Sacred Heart Roman Catholic Parish, O. Velois, pastor, 367 Summer St., 1 story, basement, probably brick, stone. $150,000. Engineer and architect not selected.

R. I., Cranston (mail Providence) — SCHOOL — City, Com. on City Property, plans by W. R. Walker & Son, 49 Weybosset St., Providence, 2 story, basement, brick, stone, plain found., 1st and 2nd Aves. $150,000.

R. I., East Providence (br. Providence)—HIGH SCHOOL — Town, W. E. Smyth, sketches by W. R. Walker & Son, 49 Weybosset St., Providence, Junior High School, 2 story, basement, brick, stone, plain found., Riverside Sect. $150,000 or more. Noted Aug. 23.

R. I., Providence — SCHOOL — City, Schoolhouse Dpt., sketches by I. J. H. Pierce, City Hall, altering and constructing 2 story, basement, brick, stone addition, plain found., Nelson St. $150,000.

Conn., New London — ADMINISTRATION — Connecticut College for Women, Mohegan Ave., brick, stone administration building. $250,000. Engineer and architect not selected.

N. Y., Geneseo—SCHOOL—Geneseo State Normal School plans by W. E. Haugaard, state archt., Capitol, Albany, school, Wadsworth St. $375,000. J. M. Platt, Cutler Bldg., Rochester, assoc. archt.

N. Y., Syracuse — CHAPEL — Syracuse University, C. W. Flint, city chancellor, soon lets contract Hendricks Memorial Chapel, on campus. $500,000. D. J. Baum, Spuyten Duyvil Parkway, New York, archt.

N. J., Bloomfield — VOCATIONAL SCHOOL—Essex Co. Vocational Bd. Educ., 969 Broad St., Newark, plans by Guilbert & Betelle, 20 Branford Pl., Newark, 3 story, basement, brick, steel, plain found. $150,000. Noted Nov. 1.

N. J., Browns Mills — SCHOOL — Bd. Educ., Pemberton, sketches by A. Merchant, 52 Paterson St., New Brunswick, 2 story, basement, brick, steel, plain found. $150,000.

N. J., East Orange—HIGH SCHOOL—Bd. Educ., 19 Winas St., Junior High School, 2 story, basement, brick, steel, plain found., $250,000. Engineer and architect not selected.

N. J., Irvington (br. Newark)—SCHOOL—Bd. Educ., 1253 Clinton Ave., 2 story, basement, brick, steel, plain found. $250,000. Engineer and architect not selected.

N. J., Jersey City—SCHOOL—Bd. Educ., Harrison Ave., revised sketches by J. T. Rowland, 30 Journal St., 3 story, basement, brick, steel, plain found., Van Horne St. $1,000,000. Former bids rejected.

N. J., Lyndhurst (Ind. br. Rutherford)—CHURCH—Lyndhurst Methodist Church, c/o Lucht & Anderson, archts., 432 Palisade Ave., Cliffside, altering and constructing 2 story, basement, 100 x 100 ft., brick, steel addition, plain found. $150,000.

N. J., Morristown—SCHOOL—Bd. Educ., 50 Early St., plans by C. Voorhees, Schuyler Pl., 2 story, basement, brick, steel, plain found. $150,000.

N. J., South Orange — SCHOOL — Bd. Educ., South Orange and Maplewood School Dists., Parker Ave., Maplewood, plans by Guilbert & Betelle, 20 Branford Pl., Newark, 2 story, basement, brick, steel addition, plain found. $150,000.

N. J., South Plainfield—HIGH SCHOOL—Bd. Educ., Boro Hall, Junior High School, 2 story, basement, brick, steel, plain found. $250,000. Engineer and architect not selected.

D. C., Wash.—SCHOOL—Owner, c/o B. F. Moore, archts., Colorado Bldg., parochial school, convent and community center, 14th and G Sts. $350,000. Noted Mar. 29.

N. C., Greensboro — CHURCH — Park Place Methodist Church, Greensboro, plans by H. Barton, Greensboro, church, North Elm St. $150,000.

Miss., Oxford—CAFETERIA, etc.—University of Mississippi, c/o Mississippi State Building Comn., Jackson, plans by F. P. Gates Co., Edwards Hotel Bldg., Jackson, 2 story, 70 x 220 ft., cafeteria, 1 story, 40 x 87 ft. field house, 1 story, 14 x 14 ft. pump house, brick, cut or cast stone, concrete.

Ky., Bowling Green — EDUCATIONAL MUSEUM — Western State Teachers College sketches Kentucky Building, 3 story, part basement, 50 x 184 ft., on campus. $300,000.

O., Dayton—CHURCH—Bd. Directors Raper Methodist Episcopal Church, c/o N. E. Butler, 332 Volusia Ave., Oakwood 2 story church in Oakwood. $225,000. Engineer and architect not selected.

O., Navarre—SCHOOL—Bd. Educ. soon takes bids 2 story, basement, school containing combination gymnasium and auditorium. $150,000.

Mich., Dearborn — MUSEUM — H. Ford plans by R. O. Derrick, Capitol Theatre Bldg., Detroit, 2 story, irregular shaped, rein.-con., brick, steel, stone, plain found., Michigan Ave. $500,000.

Mich., Grosse Pointe (br. Detroit)—NURSES HOME—Cottage Hospital, M. W. Sales, pres., Mapleton and Kercheval Aves., 2 story, basement, rein.-con., brick, steel, plain found., Ridge Rd. $150,000. Engineer and architect not selected.

Ill., Champaign—CHURCH—Holmes & Flynn, archts., 8 South Dearborn St., Chicago, soon takes bids 2 story, brick, 400 East Daniel St., for McKinley Foundation Congregation, 412 East Daniel St. $200,000.

Minn., Virginia—HIGH SCHOOL—Secretary Bd. Educ., rejected bids Oct. 25, Junior High School, 2 story, basement, 150 x 279 ft., rein.-con., brick 4th St. $750,000. Will readvertise. Noted Oct. 4.

Mo., St. Louis—CHURCH—Third Baptist Congregation, Grand and Washington Blvds., plans by L. B. Pendleton, 119 North 7th St., rein.-con., brick, stone, Grand and Washington Blvds. $500,000.

Mo., St. Louis — SCHOOL — Mary Institute, Lake and Waterman Aves., bids in 1929, (1st unit) 2 story, basement, rein.-con., brick, stone, Warson and Ladue Rds., west of here. $500,000. Total $1,000,000. Study & Farrar, 1363 Arcade Bldg., archts. Noted Aug. 16.

Tex., Donna — HIGH SCHOOL — Bd. Educ., bids in December, 2 story, irregular sized, brick, rein.-con., 25,000 sq.ft. floor space, incl. 1,000 seating capacity auditorium, library. $150,000. Phelps & Dewees, c/o Gunter Bldg., San Antonio, archts. Noted Sept. 6.

Nev., Reno — PHYSICS — University of Nevada plans by F. J. DeLongchamps, Gazette Bldg., 2 story, basement, 80 x 170 ft., fireproof, on campus. $325,000.

Calif., Beverly Hills—SCHOOL—Beverly Hills Grammar School Dist. plans by R. S. Price, Heegard Bldg., 180 x 210 ft., rein.-con., cast stone, stucco, Tatum Tract.

Ont., Brockville — HIGH SCHOOL — School Bd. soon takes bids high school. $150,000.

Ont., Port Hope — COLLEGE — Trinity College School plans by Darling & Parson, 2 Leader Lane, Toronto, 2 and 3 story, basement, rein.-con., brick, steel, stone, plain found. $350,000. Noted Mar. 15.

Ont., Toronto—EXHIBITION—Canadian Natl. Exhibition, Lumsden Bldg., competitive plans by local architects, concrete, brick, steel, 120,000 sq.ft. display space, Exhibition Park. $1,000,000. Noted Nov. 1.

B. C., Victoria—NURSES HOME—Royal Jubilee Hospital sketches by C. E. Watkins, Green Blk., rein.-con. brick, plain found., hospital grounds. $150,000.

Bids Desired

Mass., Waltham (Ind. br. Boston)—COLLEGE—See "Contracts Awarded."

Mass., Westfield—HIGH SCHOOL—Nov. 22, by City, School Com., 3 story, 175 x 214 ft., brick, steel, stone, Chauncy Allen Park. $500,000. M. B. Harding, 6 Main St., archt. R. M. Sizer, 12 Elm St., Pittsfield, engr. Noted July 26.

N. Y., Brooklyn—SCHOOL—Nov. 26, by W. C. Martin, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., P. S. 235, Lenox Rd., Clarkson Ave., East 39th and 40th Sts.; P. S. 233, Avenue B, from East 93rd and 94th Sts., for Bd. Educ., 500 Park Ave., New York. Noted Nov. 1 and 8.

N. Y., Islip—WARD—Dec. 5 (extended date), by Commissioner Dpt. Mental Hygiene, Albany, male ward building, Units 1 and 2, and kitchen building, at New State Hospital, Crooked Hill Rd., 1 mi. north of Edgewood; adv. E. N.-R. Nov. 15. Noted Nov. 1 under "Central Islip."

N. J., Elizabeth—CHURCH—J. B. Beatty, archt., 15 North Reid St., bids about Nov. 15, 1 story basement, 90 x 130 ft., brick, steel, plain found., Elizabeth Ave., for Church of Most Holy Rosary. $200,000. Noted Oct. 25.

N. J., Elizabeth—SCHOOL—Bd. Educ., 417 South Broad St., bids about Dec. 1, 2 story, basement, brick, steel addition to School 14, plain found., Grove St. $150,000. H. B. Brady, 333 North St., archt. Noted July 5.

N. J., Montclair — DEMONSTRATION SCHOOL — Nov. 27, by State Bd. Educ., State House, Trenton, 2 story, basement, 85 x 186 ft., brick, steel, rein.-con., plain found., Normal School Grounds, $240,000. Guilbert & Betelle, 20 Branford Pl., Newark, archts. Noted Oct. 25.

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Buildings—Educational, Religious (Cont.)

N. J., Newark—SCHOOL—Bd. Educ., City Hall, bids about Dec. 1, general contract 1 story, brick, steel, plain found., Boylan St. and South Orange Ave. $190,000. Simpson & Rolston, Inc., 45 Walnut St., archts. Noted Sept. 6.

N. J., Secaucus (Ind. br. West New York) —SCHOOL—Bd. Educ., Town Hall, bids about Nov. 15, 2 story, basement, brick, steel, plain found., County Ave. $175,000. W. Mayer, Jr., 711 Bergenline Ave., West New York, archt. Noted Oct. 18.

N. J., Weehawken — NURSES HOME — P. A. Virvarttas, 110 48th St., Union City, bids about Dec. 1, 5 story, basement, rein.-con., brick, steel, plain found., Columbia Terrace, for North Hudson Hospital, Park Ave. and Columbia Terrace. $150,000.

Pa., Upper Darby (Phila. P. O.)—HIGH SCHOOL—Nov. 19, by Bd. Educ., 3 story, basement, 83 x 303 ft., and 135 x 252 ft., rein.-con., brick, plain found., Sherwood Blvd. and Garret Rd. Heacock & Hohenson, 1211 Chestnut St., Phila. Noted May 31.

D. C., Wash. — SCHOOL — Nov. 21, by District Comrs., District Bldg., Takoma School addition, Piney Branch Rd. N. W. Noted June 28.

La., New Orleans—CHURCH—Church of Incarnation, J. Pierre, pastor, Apricot and Dante Sts., taking bids brick, rein.-con. church. $150,000. Andry & Feitel, New Orleans Bank Bldg., archts.

Ill., Maywood—SCHOOL—Van Gunten & Van Gunten, archts., 26 East Huron St., Chicago, bids about Nov. 15, 2 story, basement, brick, stone, for Bd. Educ. $150,000.

Minn., Brainard—SCHOOL—Nov. 30, by Bd. Educ., L. F. Hohman, clk., 2 story, basement, rein.-con., brick, stone school. $450,000. Noted June 14.

Ark., North Little Rock—HIGH SCHOOL —Nov. 19, by School Bd., c/o W. E. Phipps, secy., 4th and Willow Sts., 3 story, basement, 2 story tower, 52-room, rein.-con., brick, stone high school, incl. auditorium, 2,000 seating capacity, Maple and 22nd Sts. $350,000. G. R. Mann and Wagner & King, New Donaghey Bldg., Little Rock, archts. Noted Nov. 8.

Contracts Awarded

Vt., Morrisville—ACADEMY—Bd. Educ., Peoples Academy, 2 story, basement, 75 x 150 ft., brick, stone, plain found., to W. L. Le Baron, Morrisville, by day labor.

Mass., Dorchester (sta. Boston) — SCHOOL—Dorchester & Mattapan Hebrew School, M. E. Schneider, pres., 20 Pemberton Sq. superstructure, 3 story, basement, 170 x 180 ft., brick, stone, plain found., to I. Conviser, 447 Norfolk St.; substructure, to Marden & Orlando, 46 Cornhill, Boston. Est. $400,000. Noted Oct. 4.

Mass., Needham (Ind. br. Boston) — CHURCH and PARISH HOUSE — First Baptist Church, H. A. Jackson, pastor, 1 and 3 story, basement, brick, plain found., Great Plains Ave., to R. A. Murray, 3933 Washington St., Roslindale. Est. $150,000 or more.

Mass., Waltham (Ind. br. Boston)—COLLEGE—Middlesex College of Medicine & Surgery, H. S. Card, pres., 473 Beacon St., Boston, 1 and 2 story, basement, irregular sized, brick, stone laboratory building, plain found., South St., by separate contracts under supervision of Leo Schlick Eng. Co., engrs., 314 Beacon St., Boston. Noted Oct. 6, 1927.

Conn., New Haven — LIBRARY — Yale University, College Trustees, 3 story, 25 x 122 ft., brick, steel, cut stone, granite faced addition, Wall and High Sts., to Marc Eidlitz & Son, 41 East 42nd St., New York. Est. $350,000.

N. Y., Mount Kisco—CHURCH and PARISH HOUSE—B. Goodhue Associates, archts., 2 West 47th St., New York, church and parish house, to T. O'Reilly, 415 Lexington Ave., New York, for St. Marks Church. Noted Sept. 20.

Pa., Easton—MINING ENGINEERING HALL—C. Z. Klauder, archt., 1429 Walnut St., Phila., Jno. Markle Mining Engineering Hall, 4 story, basement, 52 x 172 ft., rein.-con., brick, steel, plain found., to Breig Bros., Scranton Real Estate Bldg., Scranton, for LaFayette College. Noted Oct. 25.

Pa., Johnstown—SCHOOL—School Dist., general contract 2 story, basement addition, Cypress Ave., to Builders Service Co., Johnstown. Est. $150,000. Plumbing, to Cambria Plumbing & Heating Co.; electrical work, to Reese & Barnhard; heating, to Stanton & Barnhart, all Johnstown.

Pa., Phila.—SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 19th and Chestnut Sts., general contract 2 story, basement, 44 x 140 ft., rein.-con., brick school, to R. S. Herzog, 10 South 18th St., $141,370. Noted Sept. 27.

D. C., Wash.—SCHOOL—District Comrs., District Bldg., Langdon School, to G. G. Loehler Co., 945 Penn. Ave. N. W., $275,000. Noted Oct. 25.

Ind., Indianapolis—CHURCH—Catholic Church, 42nd St. and Central Ave., general contract Joan of Arc Catholic Church, 2 story, basement, brick, steel, stone, to E. A. Carson, 1201 East 30th St. Est. $250,000. Noted Sept. 6.

Ind., Indianapolis — CHURCH — Third Church of Christ Scientist, 34th St. and Washington Blvd., general contract brick, steel, stone, to W. P. Jungclaus Co., 825 Massachusetts Ave.; heating and ventilating, to Hayes Bros., 236 West Vermont St.; plumbing, to J. A. Diggle, 235 North Delaware St. Est. $200,000. Noted Sept. 6.

Ind., Indianapolis—CHURCH—Wheeler Rescue Mission, 241 North Delaware St., general contract 3 story, basement, 35 x 126 ft., rein.-con., brick, to Service Constr. Co., 301 Castle Hall Bldg.; heating, to Callon Bros., 24 South Alabama St.; plumbing, to Strong Bros., 309 North Alabama St. Est. $150,000. Noted Sept. 6.

Ind., Kokomo—HIGH SCHOOL—School Comrs., J. C. Stone, secy., general contract 4 story, 50 x 200 ft., brick, steel, to Henderson Constr. Co., Terra Haute. Est. $155,000. Noted Oct. 25.

Ind., Kokomo—SCHOOL—School Comrs., general contract brick, steel, to E. Moore & Son, 408 West Mulberry St. Est. $150,000.

Mich., Detroit — COLLEGE — U. Frundt, chn. Building Com. Duns Scotus College, Franciscan Friars, Cincinnati, O., 2 and 3 story, basement, 180 x 400 ft., rein.-con., brick, stone, steel, plain found., to W. E. Wood Co., 1805 Ford Bldg. Est. $1,000,000. Noted Oct. 25.

Mich., Owosso—HIGH SCHOOL—Bd. Educ., 400 North Cedar St., general contract 2 and 3 story, basement, 224 x 242 ft., rein.-con., brick, steel, to D. Boschma, Crooks Rd., Royal Oak, $316,115; steam heating, to Freyn Bros., 3850 Michigan Ave., Detroit, $69,837. Noted Nov. 8.

Mich., Pontiac—SCHOOL—Bd. Educ., general contract 2 story, basement, 200 x 264 ft., rein.-con., brick, steel, stone, plain found., to Pryale Constr. Co., 405 Pontiac Bank Bldg., $364,000; steam heating, to Eames & Brown, 55 East Pike St., $102,000. Noted Oct. 11.

Mich., Pontiac — SCHOOL — Bd. Educ., general contract 2 story, basement, 100 x 200 ft., rein.-con., brick, steel, stone, plain found., Motor and Mack Aves., to Chissus Bros., 1st Natl. Bank Bldg., Birmingham. Est. $200,000.

Neb., Clay Center — HIGH SCHOOL — Bd. Educ., Dist. 70, H. A. Swanson, secy., general contract Senior High School, 2 story, basement, 152 x 175 ft., brick, concrete, to C. E. Atwater Co., 1518 West Koenig St., Grand Island, $76,325.

Mo., Anglum — FLYING SCHOOL, OFFICE, etc.—See "Unclassified."

Ont., Toronto—CHURCH—Metropolitan United Church, Queen St. E., general contract 1 and 2 story, basement, 74 x 228 ft., brick, steel, plain found., to Witchall & Son, 156 St. Helens Ave.; plumbing and heating, to W. F. Clifton & Co., 313 Brock Ave.; electrical work, to Richardson & Cross, 81 King St. E.; structural steel, to Dominion Bridge Co., Sorauren Ave. Est. $250,000. Noted Oct. 18.

Ont., Toronto — COLLEGE — Mathers & Haldenby, archts., 96 Bloor St. W., general contract 2½ story, basement, 65 x 140 ft., concrete, brick, steel, stone, to Thomson Bros., 56 Grenville St., for Toronto Bible College, 110 College St. Est. $150,000. Noted Oct. 18.

Ont., Toronto—LIBRARY—W. T. J. Lee, chn. Toronto P. Library Bd., St. George and College Sts., rein.-con. addition to College St. Branch Library, to W. H. Yates Constr. Co., 95 King St. E., $267,567. Noted Oct. 4.

Ont., Toronto—PATHOLOGICAL—University of Toronto, Queens Park, masonry work for 6 story, basement, 120 x 192 ft., rein.-con., brick, steel, stone, to E. G. M. Cape & Co., 45 Richmond St. W.; carpentry, to S. J. Lane & Co., 109 Bloor St. W.; roofing and sheet metal, to Canadian Rogers Sheet Metal & Roofing Co., 918 Palmerston Ave.; plumbing, to Ramsay & McIntosh, 126 Wellington St. W.; marble and terrazzo, to Italian Mosaic & Tile Co., 250 Madison Ave.; heating, ventilating and refrigeration, to owners by day labor. Est. $500,000. Noted Feb. 23.

Ont., Walkerville—SCHOOL—W. Thorborn, secy. Bd. Educ., 251 Victoria Ave., general contract 3 story, basement, rein.-con., brick, steel, stone, plain found., to N. R. Ibbetson, 308 Victoria Rd., $169,000; plumbing and heating, to C. E. Greenan & Co., 210 Windsor Ave., $45,400. Noted Oct. 11.

Ont., Windsor — COLLEGIATE — Bd. Educ., general contract 3 story, basement, 100 x 104 ft., rein.-con., brick, steel, plain found., Ouellette St., to Emery Constr. Co., Dowler Bldg., $413,355; heating and ventilating, to Drake Avery Co., Windsor, $84,097; plumbing, to J. L. Heureux, Windsor, $40,340; stadium, to Gossel Constr. Co., Amherstburg, $32,826; lighting, to G. L. Whelpton, Windsor, $32,657. Grand total $603,275.

Federal Government Work

Proposed Work

Mass., Camp Devens (br. Boston)—BARRACKS—Constructing Quartermaster, declined conditional award and rejected bids Oct. 15, infantry barracks. Will readvertise. Noted Nov. 1.

Delaware and Maryland—DREDGING—U. S. Engineer Office, Wilmington, Del., 172,410 cu.yd. for turning basins in Inland Waterway from Delaware River to Chesapeake Bay.

Del., Wilmington—BARGES—U. S. Engineer Office, repairing 4 barges.

D. C., Wash. — WARMING-UP PLATFORM — Spec. 5792 — Bureau Yards & Docks, Navy Dpt., 75 x 355 ft. warming-up platform, concrete, at Naval Air Station (Anacostia).

Virginia—DREDGING—U. S. Engineers Office, Norfolk, dredging 3,977,000 cu.yd. channel across Rocklanding Shoal, in James River, easterly of existing Rocklanding and Point of Shoals channels.

Va., Yorktown—SPRINKLING SYSTEM, etc.—Spec. 5684—Bureau Yards & Docks, Navy Dpt., Wash., D. C., automatic sprinkler system and fire resisting partitions.

Ga., Fort Benning—BARRACKS—Quartermaster Dpt., 2 barracks buildings. Noted Mar. 29.

Louisiana—LEVEE—U. S. Engineer Office, New Orleans, repairing Palmyra Levee, in Lower Tensas Levee Dist., to R. C. Webb, Delta, $6,871.

Tennessee — TOW BOAT — U. S. Engineer Office, Chattanooga, towboat for Tennessee River Service.

Michigan—DREDGING—U. S. Engineer Office, Detroit, removing 155,700 cu.yd. from Course 9, Middle Neebish Channel, St. Mary's River. Noted Sept. 13.

Illinois—LEVEE WORK—U. S. Engineer Office, Rock Island, placing 45,000 cu. yd. levee enlargement over 1¼ mi. in Lima Lake D. D.

Illinois — DREDGING — U. S. Engineer Office, Chicago, rejected bids Oct. 5, in Illinois River. Noted Sept. 13.

Ill., Milan—AQUEDUCT—U. S. Engineer Office, Federal Bldg., Rock Island, rejected bids Oct. 17, aqueduct, levees, etc. for diversion of Mill Creek into Rock River. Noted Sept. 27.

Ill., Rock Island—DAMS—U. S. Engineer Office, constructing, extending, repairing wing, and closing dams on Mississippi River between Miles 214 and 293 (winter work).

Mo., St. Louis—BOAT—U. S. Engineer Office, one 36 ft. x 9 ft. x 4 ft. 9 in. steel hull, diesel driven screw propeller boat.

Ariz., Nogales—PAVING—Treas. Dpt., at office Supervising Archt., Wash., D. C., rejected bids Oct. 10, paving International St. Will readvertise. Noted Oct. 25.

Wash., Seattle—SNAGBOAT—U. S. Engineer Office, new wooden hull for stern wheel, steam driven snagboat "Swinomish," and for transferring, installing on new hull, the superstructure and heavy machinery now on boat.

California—ROAD—Constructing Quartermaster, Fort Mason, San Francisco, 5.5 mi. oil macadam and concrete road between Sausalito and Fort Barry, Marin Co.

Calif., Oakland—DREDGING——U. S. Engineer Office, San Francisco, 1,032,600 cu.yd. in Oakland harbor.

Bids Desired

N. Y., Brooklyn—DREDGING—Nov. 26, by U. S. Engineer Office, Army Bldg., 39 Whitehall St., New York, dredging approximately 77,800 cu.yd., place measurement, in Newtown Creek; adv. E. N.-R. Nov. 15. Noted Nov. 8.

Pa., Pittsburgh—DAM—Dec. 12, by U. S. Engineer Office, emergency dam for 110 ft. lock at Deadman Island, Ohio River; adv. E. N.-R. Nov. 15. Noted Nov. 1.

Maryland — DREDGING — Nov. 28, by U. S. Engineer Office, 300 Custom House, Baltimore, dredging 91,600 cu.yd. in Wicomico River; adv. E. N.-R. Nov. 15.

Md., Annapolis — TURBO-GENERATOR —Spec. 5629—Nov. 28, by Bureau Yards &

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Federal Government Work (Continued)

Docks, Navy Dpt., Wash., D. C., turbo-generator and auxiliary equipment at U. S. Naval Academy. Noted Nov. 1.

D. C., Wash.—LUMBER—Nov. 26, by A. L. Flint, genl. purch. officer Panama Canal, creosoted southern yellow pine or Douglas fir lumber, southern yellow pine piles, southern yellow pine or Douglas fir cross ties, untreated redwood cross ties, creosoted yellow southern pine or Douglas fir switch ties.

D. C., Wash.—MOTOR GENERATORS—Nov. 27, by A. L. Flint, genl. purch. officer Panama Canal, motor generator set and control switchboard, copper rail, conductor, iron, steel, brass, bronze, copper, monel metal, zinc, lead, wire rope, etc.

D. C., Wash.—BEARING PLATES, etc. —Nov. 28, by A. L. Flint, genl. purch. officer Panama Canal, material for repairing miter gate bearings for overhaul of Pedro Miguel Locks (bearing plates bushings, stud bolts, set screws, jacking bolts and babbitt metal).

Fla., Key West—TOWERS—Dec. 5, by Superintendent Lighthouses, metal work complete for 4 light towers, f.o.b. shipping point; adv. E. N.-R. Nov. 15.

Tenn., Memphis—BARGES—Nov. 30, by U. S. Engineer Office, 1006 McCall Bldg., constructing, delivering 2 mooring and fascine barges; adv. E. N.-R. Nov. 15.

Tenn., Paris—EXTENSION—Dec. 17, by Treas. Dpt., at office Supervising Archt., Wash., D. C., extending, remodeling U. S. Post Office. Noted June 14.

Mich., Pontiac—REMODELING—Dec. 10, by Treas. Dpt., at office Supervising Archt., Wash. D. C., post office. Noted Feb. 8.

Ill., Maywood—FENCE and ROAD—Dec. 4, by U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., gatehouse, fence and road at Edward Hines, Jr. Hospital.

Missouri—BEACON LIGHTS—Nov. 30, by U. S. Dpt. Commerce, Wash., D. C., 20 revolving beacon lights between St. Louis and Kansas City. Private plans.

Calif., Mare Island (Ind. sta. Vallejo)—DREDGING—Nov. 27, by U. S. Engineer Office, San Francisco, in Mare Island Strait Turning Basin.

Calif., San Diego—ELECTRICAL WORK —Spec. 5659—Dec. 12, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., electrical work at Naval Operating Base (air station).

Canal Zone — RADIO MASTS and TOWER—Spec. 5337—Dec. 12, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., at Naval Radio Station, La Palma and Puerto Obaldia, Panama and Darien; adv. E. N.-R. Nov. 15. Noted Oct. 25.

Bids Received

Mass., Rutland—COVERED WALKS—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., at U. S. Veterans Hospital, from R. H. White, Auburn, $6,789 (45 days).

N. Y., Syracuse — STORAGE ROOM — Treas. Dpt., at office Supervising Archt., Wash., D. C., internal revenue storage room at U. S. Post Office and Court House, from English Constr. Co., Inc., 1311 H St. N. W., Wash., D. C., $548. Noted Nov. 1.

Pa., Pittsburgh — LOCKKEEPERS HOUSES—U. S. Engineers Office, Oct. 25, two 2 story lockkeepers houses at Lock 6, Allegheny River, from F. J. Kammerdeiner, Natrona Heights, brick $8,100 each, terra cotta, hollow tile blocks $7,863 each. Noted Oct. 4.

Md., Baltimore—DREDGING—U. S. Engineer Office, Custom House, Oct. 24, 210,000 cu.yd. Baltimore Harbor and channels, from Arundel Corp., Pier 2, Pratt St., Baltimore, at $0.2387 per cu.yd., total $50,032. Noted Sept. 27.

Va., Norfolk—GENERATOR—Spec. 5642 —Bureau Yards & Docks, Navy Dpt., Wash., D. C., Nov. 7, engine driven generator, from Ransom & Anderson Co., Inc., 136 Liberty St., New York, $14,977. Noted Oct. 25.

S. C., Charleston — REFRIGERATING EQUIPMENT—Spec. 5735—Bureau Yards & Docks, Navy Dpt., Wash., D. C., Nov. 7, automatic refrigerating equipment, from Kelvinator Sales Corp., 91 West 47th St., New York, $658. Noted Oct. 25.

Miss., Gulfport—QUARTERS—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., Nov. 8, Officers Quarters at U. S. Veterans Hospital, from O. P. Woodcock, Duval Bldg., Jacksonville, Fla., $22,800. Noted Oct. 18.

La., New Orleans—LEVEE—U. S. Engineer Office, River Front and Burdette St., from Ezikel Winnfield Gravolet, Pointe-a-la-Hache, wooden revetment 17,000 lin.ft. Cllie St. at $3.72 per lin.ft., Rosalie-Ironton $3.30, Myrtle Grove $3.61, Chalmette Cemetery $3.90, Monsecourse $3.81, Upper Pointe-a-la-Hache, $2.97, from H. A. Schoenberger, Buras, Oak Point-Augusta $3.12, from Hoffman & Jones, Madisonville, Suburban Club $3.31, all foregoing in Baratara and Lake Borgne Levee Dists.; from Picard Constr. Co., Hick Bldg., 113,900 cu.yd. in Atchafalaya Levee Dist. (front), New Orleans Levee Dist., $0.277 per cu.yd.; from Robinson Constr. Co., Centerville, Miss., 25,500 cu.yd. in Jaceny-Palo Alto Levee $0.30, 34,500 cu.yd. in Vidalia-St. Genevieve Levee $0.32, 7,050 cu.yd. in Roseland-Ashland Levee Dist. $0.40, per cu.yd., all foregoing in Lower Tensas Levee Dist., 17,000 cu.yd. in Tin Bara Levee 2, Atchafalaya Levee Dist. (back) $0.40.

Mich., Wyandotte — POST OFFICE — Treas. Dpt., at office Supervising Archt., Wash., D. C., Nov. 12, post office, from Dunlap & Co., Inc., Columbus, Ind., $55,514. Noted Oct. 18.

Illinois — RAILROAD — Constructing Quartermaster, Savanna Ordnance Depot, Savanna, Oct. 20, constructing 4,350 lin.ft. standard gage railroad track with gravel ballast, from Chicago Foundation Co., 33 South Clark St., Chicago, $23,500; 4,700 lin. ft. standard gage railroad track with rock ballast, from E. M. Rocho, Freeport, $27,370; 4,700 lin.ft. with gravel ballast, from Deckert & McDowell, 53 West Jackson Blvd., Chicago, $22,900. Noted Sept. 27.

Colorado — ROAD — Bureau Pub. Rds., Denver, constructing, improving Cimarron-Taos Rd. Project, from G. Shields, Denver, $92,253.

Contracts Awarded

Connecticut—RIPRAP STONE—Superintendent Lighthouses, Bay St., St. George, N. Y., 1,800 and 2,400 long tons riprap stone for Bartlett Point Light, Thames River, to Merritt, Chapman & Scott Corp., 292 Pequot Ave., New London, at $3.14 per ton. Noted Oct. 11.

N. Y., Dunkirk—POST OFFICE—Treas. Dpt. at office Supervising Archt., Wash., D. C., U. S. Post Office, to W. MacDonald Constr. Co., 1311 Syndicate Trust Bldg., St. Louis, Mo., $92,095. Noted Nov. 8.

Md., Fort Leonard Wood—ROAD—Constructing Quartermaster, grading 20,000 cu. yd., to E. R. P. Smith, Hyattsville. Est. $10,000.

D. C., Wash. — AIRPLANES — Bureau Yards & Docks, Navy Dpt., Wash., D. C., 20 amphibian airplanes, to Loening Aeronautic & Eng. Co., 420 East 31st St., New York, $422,984.

D. C., Wash.—NURSES QUARTERS—Constructing Quartermaster, at Walter Reed Hospital, to Murch Bros., Constr. Co., Railway Exch. Bldg., St. Louis, Mo., $272,000. Noted Nov. 8.

D. C., Wash. — EXTENSION — Treas. Dpt., at office Supervising Archt., general contract extending Government Printing Office, to Rust Eng. Co., Amer. Natl. Bank Bldg., Pittsburgh, Pa., $823,700 (540 days); mechanical equipment, to Virginia Eng. Corp., 1st Natl. Bank Bldg., Newport News, Va., $96,900. Noted Oct. 25.

W. Va., Huntington — HORSES and PROPS—U. S. Engineer Office, steel horses and props for Chio River Dams, to Amer. Car & Fdry. Co., Jeffersonville, Ind., $48,190. Noted Sept. 27.

North Carolina—DREDGING—U. S. Engineer Office. Wilmington, Neuse and Trent Rivers, to C. Walker Hodges Dredging Co., New Bern, $28,218. Noted Sept. 27.

N. C., Wilmington—BARGES—U. S. Engineer Office, 3 steel barges, to Atlantic Ellis Channel System, Inc., 33 Rector St., New York, $29,250. Noted Sept. 27.

Fla., Jacksonville — DREDGING — U. S. Engineer Office, dredging and rock removal in Ancloto River, to Arundel Corp., Pier 2, Pratt St., Baltimore, Md., $50,032. Noted Sept. 13.

Tenn., Memphis—RECREATION—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., recreation building at U. S. Veterans Hospital, to Palmer Co., Atlanta, Ga., $64,850. Noted Nov. 8.

Minn., St. Cloud—BOILERS—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., 4 horizontal return tubular boilers, to Continental Constr. Co., 311 2nd Ave. S., Fort Dodge, Ia., $9,800. Noted Nov. 1.

S. D., Mitchell — POST OFFICE — Treas. Dpt., at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, to C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $44,000 (350 days). Noted Nov. 1.

Arkansas—LEVEE—U. S. Engineer Office, Memphis, Tenn., 30,000 cu.yd. levee, Yell County Levee 1, to Batson Bros., Dardanelle, $7,800.

Tex., Houston—DREDGING—U. S. Engineer Office, Galveston, in Buffalo Bayou between Houston Ship Canal Turning Basin and mouth of White Oak Bayou, to Lake Arthur Dredging Co., Beaumont, $144,500. Noted Sept. 27.

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Unclassified

Proposed Work

BOILERS—**Boston, Mass.**—City, Institutions Dpt., boilers at Long Island Hospital. $25,000 appropriated.

STEEL TANKS—**Brooklyn, N. Y.**—A. E. Merowitz, 1461 President St., plans by D. H. Cohn, 134 Remsen St., 92 x 92 ft. steel tanks, New York Ave. and Clarkson St. $100,000.

STADIUM—**New York, N. Y.**—American League Baseball Club of New York, 226 West 42nd St., enlarging, replacing bleachers with grandstands, Yankee Stadium, 161st and Jerome Ave. $100,000. Osborne Eng. Co., Euclid Bldg., Cleveland, O., engrs.

STEAMSHIPS — **New York, N. Y.** — DiGiorgio Fruit Corp., 25 Bway., 2 steamships.

STEAMSHIPS—**New York, N. Y.**—Matson Steamship Co., 535 5th Ave., bids after Jan. 1, two 20,000 to 30,000 ton steamships.

STEAMSHIPS—**New York, N. Y.**—Ward Line, Piers 13 and 14, East River, 2 steamships for New York-Havana service.

BULKHEAD — **East Keansburg** (br. Keansburg), **N. J.** — Twp. Comn., Township Hall, bulkhead on Raritan Bay. $25,000.

GRADE CROSSING ELIMINATION—**Bogota** (Ind. br. Hackensack), **N. J.**—Bd. Town Council, Town Hall, eliminating grade crossing by constructing rein.-con. overhead viaduct over railroad, at Fort Lee Rd. $25,000. R. Schweizer, Jr., town engr.

BATHING POOL—**Paterson, N. J.**—Bd. City Comrs., Dpt. Pub. Wks., City Hall, concrete bathing pool, Westside Park. $30,000. H. J. Harder, city engr.

OVERHEAD CROSSING — **Jacksonville, Fla.**—City, Duval Co., and Southern Ry. Co., B. Herman, ch. engr., 1300 Pennsylvania Ave., Wash., D. C., overhead crossing by constructing concrete viaduct, approaches on Beaver St. $600,000. C. E. Sheddan, city engr.

CULVERT—**New Orleans, La.**—City, 200 ft. concrete culvert over drainage canal, on Peoples Ave. $30,000. A. Vallas, city engr.

News of airports will be found on page 259

FISH HATCHERY — **St. Joseph, La.** — State Conservation Com., New Orleans, fish hatchery at Lake Bruin, 4 mi. from here. $25,000. W. I. Neel, Monroe, engr.

DYKE — **Detroit, Mich.** — Dpt. Parks & Blvds., Marquette Bldg., rip rap dyke at east end Belle Isle to provide filled area 24 acres and new municipal swimming beach. $98,750. Private plans.

LIGHT HOUSE and MONUMENT—**Detroit, Mich.**—Lake Carriers Assn., 8 East Jefferson Ave., lighthouse, 50 ft. high, concrete, steel, stone. $100,000. A. Kahn, 1000 Marquette Bldg., engr.

AUTOMATIC SIGNAL INSTALLATIONS — **Kansas, Illinois and Louisiana** — Missouri Pacific R.R. Co., 13th and Olive Sts., St. Louis, Mo., E. A. Hadley, ch. engr., 45 mi. automatic signal installations from Kansas City, Mo., to Atchison, Kan.; 135 mi. from Osawatomie, through Durand to Coffeyville, Kan.; 45 mi. on Illinois Division; 46 mi. from Urania to Alexandria, La. $1,135,000.

GAS PIPE LINE—**Texas**—Southern Gas Co., c/o Milam Bldg., San Antonio, gas pipe line from its main to Republic Portland Cement Co. plant (now under construction), 12 mi. north of San Antonio. $45,000. Private plans.

FARM DEVELOPMENT — **Big Wells, Tex.**—Masden Farm Development Co., c/o H. H. Maseden, pres., Big Wells, developing 7,000 acre site near here, for truck and vegetables, also established canning and pickling plant. Private plans.

STEEL TANKS — **Ft. Stockton, Tex.** — Roxana Petroleum Co., City Natl. Bank Bldg., San Antonio, four 80,000 bbl. steel oil storage tanks, near here. $175,000. Private plans.

GAS LINE—**Colorado**—Pub. Serv. Co. of Colorado, 15th and Champa Sts., Denver, and Prairie Oil & Gas Co., Amarillo, Tex., surveys natural 35 mi. gas line from Timpas to Rocky Ford and La Junta. Ford, Bacon & Davis, Inc., 115 Bway., New York City, engrs.

TRANSMISSION LINE — **Canon City, Colo.**—Southern Colorado Power Co., W. M. Clark, genl. mgr., Colorado Bldg., Pueblo, preliminary plans power transmission line from Canon City to Beaver Park Dist. $40,000.

TRANSMISSION LINES — **Leadville, Colo.**—Pub. Serv. Co. of Colorado, Denver.

Unclassified (Continued)

14 mi. 100,000-volt power transmission line from Leadville to Robinson. $75,000.

GAS LINE, etc.—**Pueblo, Colo.**—Pueblo Gas & Fuel Co., A. M. Talbott, 122 West 5th St., low pressure gas feeder line, north of 21st and west of Elizabeth Sts., $25,000; L. F. Babcock, engr.; also plans by W. DeMordaunt, archt., 738 1st Natl. Bank Bldg., brick, steel regulator house in conjunction with feeder line, 21st and Elizabeth Sts.

UNDERPASS—**Elk City, Okla.**—State Hy. Dept., Oklahoma City, 1 span 66 ft. rein.-con. underpass under Missouri, Kansas & Topeka R.R. $45,000. C. R. Mandigo, hy. engr.

SWIMMING POOL — **Seattle, Wash.** — Converting north bay of Green Lake into swimming pool, constructing 0.25 mi. dike, incl. 68,000 yd. dirt, $30,000. W. D. Barkhuff, city engr.

STREET LIGHTING SYSTEM—**Porterville, Calif.** — Ornamental lighting system on Main St. between Morton St. and Olive Ave. $25,000.

STEAMSHIPS—**San Francisco, Calif.**—Dollar Steamship Co., 311 California St., 4 or more steamships over 20,000 tons each, during 1929.

HYDRO-ELECTRIC DEVELOPMENT—**Woodland, Wash.**—See "Buildings—Industrial."

GRAIN ELEVATOR — **Meaford, Ont.** — Canadian Rail & Harbor Terminals, foot of York St., Toronto, 1,000,000 bu. grain elevator, concrete, rein.-con. $500,000. C. D. Howe & Co., Whalen Bldg., Port Arthur, engrs.

WHARF—**Windsor, Ont.**—Dpt. P. Wks., Parliament Bldgs., Ottawa, K. M. Cameron, ch. engr., soon takes bids improving concrete, timber wharf. $50,000.

DEHYDRATING PLANT—**Vernon, B. C.**—**Bulmans Ltd.** dehydrating plant. $150,000.

Bids Desired

UNLOADING PLATFORM and FREIGHT HOUSE — **Malden** (br. Boston), **Mass.** — Nov. 16, by Boston & Maine R.R. Co., W. J. Backes, ch. engr., Boston, 175 ft. brick, steel loading platform, 1 story, 30 x 150 ft. freight house, Ferry St. station. Private plans.

ELEVATORS—**Albany, N. Y.**—Nov. 28 (extended date), by A. E. Smith, governor and chn. State Office and Building Sites Com., Executive Chamber, Capitol, constructing elevators and vaults, completion State Office Building; adv. E. N.-R. Nov. 15. Noted Oct. 25.

ELECTRICAL WORK—**Beacon, N. Y.**—Dec. 13, by Commissioner Dpt. Correction, 11 North Pearl St., Albany, electrical work, rewiring administration building, main group, laundry building, Matteawan State Hospital; adv. E. N.-R. Nov. 15.

FIRE ALARM SYSTEM — **Brooklyn, N. Y.** — Nov. 23, by J. J. Dorman, fire comr., Municipal Bldg., New York, portion underground fire alarm system, Fort Hamilton Improvement.

TANKS—**Bayonne, N. J.**—See "Contracts Awarded."

WHARF SHEDS — **New Orleans, La.** — Nov. 20, by Bd. Comrs. Port of New Orleans, New Court House, bridging St. Andrews wharf shed to uniform widths, incl. 320 tons structural steel. S. Young, port engr.

ATHLETIC HOUSE — **Columbus, O.** — Nov. 26, by Bd. Educ., W. V. Drake, clk., 40 x 110 ft., concrete, brick, incl. showers and lockers for East High School, Eastgate. $25,000.

STREET LIGHTING SYSTEM — **St. Louis, Mo.**—Dec. 11, by Bd. P. Serv., City Hall, lighting system in district between Oakland Ave., Page Blvd., Newstead Ave. and city limits, 2,200 electric standards, lamps of 250-cp. each. $475,000. J. Pritchard, City Hall, dir.

GUNITE PUMP STATIONS — **Texas** — See "Contracts Awarded."

OVERHEAD CROSSING — **California** — Nov. 21, by C. H. Purcell, state hy. engr., P. Wks. Bldg., Sacramento, replacing old subway with six 40 ft. and eleven 30 ft. span rein.-con. encased steel girder overhead crossing over Southern Pacific Ry., also 100 ft. rein.-con. arched culvert, 20 ft. clear span, at Rincon Creek, Santa Barbara Co.

LIME KILN—**Beechville, Ont.**—Beechville White Lime Co. Ltd., taking bids stone lime kiln at Limehurst.

STEEL HOPPER SCOWS—**Ottawa, Ont.**—Nov. 21, by S. E. O'Brien, secy. Dpt. P. Wks., steel hopper scows. $45,000.

BOILER PLANT—**Moose Jaw, Sask.**—Nov. 19, by City Comrs., water tube boilers and furnaces, air preheaters and draft fans, steam superheaters, coal pulverizers, f.o.b. Moose Jaw.

Contracts Awarded

GASOLINE STORAGE TANKS and FILLING STATION — **Fitchburg, Mass.** — Jenney Mfg. Co., 8 India St., Boston, 1 story, brick, steel, River St. Owner builds. $25,000 or more. Private plans.

FLOOR SUPPORTS—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, additional supports for floors, in shops, Coney Island Yard, Rapid Transit R.R., to T. R. Coffey Co., 320 Bway., New York, $32,223. Noted Oct. 11.

STATION FINISH—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., station finish on 14th, 23rd, 34th, Pennsylvania and 42nd St. stations Rapid Transit R.R., to Huber Constr. Co., 103 Park Ave., $633,000. Noted Sept. 13.

STATION FINISH—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., station finish for 81st, 86th, 96th, 103rd and 110th Sts. stations Rapid Transit R.R., to Charles Meads & Co., 217 West 14th St., $345,973. Noted Nov. 1.

TANKS—**Bayonne, N. J.**—Tidewater Oil Co., Constable Hook, 19 brick, steel tanks, pipe stills, galvanized iron sheds, separate contracts. $150,000. Private plans. Noted Nov. 8.

BULKHEAD — **Maryland** — State Roads Comn., Baltimore, 450 ft. timber bulkhead near Isabella St. dam in Salisbury, Contr. Wi-49, Wicomico Co., to O. S. Lloyd, Salisbury, $8,590. Noted Oct. 18.

SIGNAL TOWER—**Cleveland, O.**—Cleveland Union Terminal Co., C. L. Bradley, pres., Terminal Tower, 2 story, basement, 18 x 144 ft., brick, steel, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg. Est. $150,000.

GRADE SEPARATION — **Michigan** — C. L. Cowgill, resident engr., Plymouth, grade separation approaches 0.341 mi. FO81-19, C-8, Washtenaw Co., to O. J. Trudeau, 7476 Churchill St., Detroit, for State Hy. Dpt., Lansing. $36,259 incl. cement.

BOILERS, STOKER, etc. — **Milwaukee, Wis.**—Dpt. P. Wks., R. E. Stoelting, comr., resetting 2 boilers, to T. Abraham, 685 Downer Ave. $10,333; boiler fittings and power plant piping, to Industrial Heating & Eng. Co., 490 Bway. St. $30,687; casings, breeching, air ducts, to Downey Heating Co., 256 11th St., $6,616. Grand total $47,636. Noted Oct. 25.

HYDRO-ELECTRIC DEVELOPMENT—**Springfield, Mo.**—Empire Electric Co. (subsidiary H. L. Doherty interests, 66 Wall St., New York), granted authority by Missouri Pub. Service Comn. to construct 1,924 ft. dam, 197 ft. high, 6.5 mi. from Branson, hydro-electric power plant to turn out 410,000,000 kw. power annually on White River at Table Rock. $16,700,000. Work will be done by own forces. Noted Dec. 29.

ATHLETIC FIELD STADIUM — **University** (mail St. Louis), **Mo.**—Bd. Educ., A. Fairbanks, pres., rein.-con. stadium, 9,000 seating capacity, to Woermann Constr. Co., 1441 Syndicate Trust Bldg., St. Louis. Est. $60,000.

PIPE LINE—**Texas**—Atlantic Pipe Line Co., 260 South Broad St., Phila., Pa., and Midland, furnishing 560 mi. 10 in. pipe for pipe line from Midland to Port Arthur, to National Tube Co., Frick Bldg., Pittsburgh, Pa.; 2 Cameron No. 6 HMT 5-stage centrifugal pipe line pumps direct connected to General Electric type KT50 hp., and 1,600 r.p.m., 2,200 volt motors in each station along above pipe line, to General Electric Co., River Rd., Schenectady, N. Y.

GUNITE PUMP STATIONS — **Texas** — Atlantic Pipe Line Co., 260 South Broad St., Phila., Pa., 11 gunite pump stations, each 28 ft. square, large steel warehouse and 10,000 bbl. steel tank at each station on main pipe line to be constructed between Midland and Port Arthur, own forces. $200,000. Private plans.

GAS MAINS—**Pueblo, Colo.**—Pueblo Gas & Fuel Co., Pueblo, A. M. Talbott, mgr., 122 West 5th St., extending gas mains south of St. Clair St. and west of Claremont Ave. in South Pueblo. Owner builds. $25,000.

TELEPHONE IMPROVEMENTS — **Pueblo, Colo.**—Mountain States Telephone & Telegraph Co., C. T. Hopkins, mgr., install terminal carrier system. $34,540. Owner builds.

TELEPHONE SYSTEM—**Pueblo, Colo.**—Mountain States Telephone & Telegraph Co., Pueblo, C. T. Hopkins, mgr., replacing Colorado Fuel & Iron Co., Minnequa plant with 270 pole installations, extensive underground cable. $150,000. Owner builds.

CAR FERRY SLIP—**San Francisco, Calif.**—State Bd. Harbor Comrs., creosoted pile car ferry slip at outer end Pier 45, to Clinton Constr. Co., 923 Folsom St., $40,389. Noted Nov. 1.

TRAINING CAMP — **San Luis Obispo, Calif.** — U. S. Disbursing Office 1021 Forum Bldg., Sacramento, general contract 15 kitchen and mess halls, 1 truck garage, extending water, sewer and electric lines at National Guard Training Camp, for State and Federal Government, to R. E. Bergund, Beverly Hills, $39,970. Noted Nov. 8. Plumbing to J. A. Freitas, 2811 East 10th St., Oakland, $8,860; electrical work, to Cline Electric Shop, Oakland, $4,430.

WHARF—**Goderich, Ont.**—S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, extending mooring wharf, to Jackson Constr. Co., Sorel, Que. Est. $50,000. Noted Sept. 20.

DOCKS and TERMINAL — **Walkerville, Ont.**—International Terminals Ltd., A. H. Wilford, mgr., Bartlett Bldg., Windsor (1st unit) docks and terminal, to Merlo, Merlo & Ray, Sandwich St., Ford City, $1,000,000.

Materials

Bids Desired

MINERAL AGGREGATE—**Long Island City, N. Y.**—Nov. 20, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., 2,000 yd. mineral aggregate.

BROKEN STONE—**St. George, N. Y.**—Nov. 21, by J. A. Lynch, pres. Richmond Boro, Boro Hall, 800 cu.yd. 3 in. broken stone, at point within Dists. 1 and 2 as directed.

GRAVEL—**Louisiana**—Nov. 27, by State Hy. Comn., Baton Rouge, washed and screened gravel, reef shell, clam shell, crushed limestone, slag and sand for maintenance during December, 1928. J. M. Fourmy, Reymond Bldg., Baton Rouge, state engr.

LIME, etc.—**New Orleans, La.**—Nov. 30, by G. G. Earl, ch. engr. Sewerage & Water Bd., 526 Carondelet St., 6,500 tons lime for 1929 water purification, 1,200 tons iron sulphate, 50,000 lb. liquid chlorine. $65,000.

SHEET PILING—**Cleveland, O.**—R. C. Huffman Constr. Co., 556 Terminal Tower Bldg., in market 75 tons 20 to 28 ft. lengths steel sheet piling.

BRIDGE LUMBER—**Council Bluffs, Ia.**—Nov. 27, at office Auditor Pottawatomie Co., 24,240 lin.ft. red cedar piling, 6,730 lin. ft. creosoted longleaf yellow pine piling, 724,200 ft. Douglas fir bridge lumber. E. E. Cook, Council Bluffs, co. engr.

BRIDGE LUMBER—**Fairfield, Ia.**—Nov. 20, at office Auditor Jefferson Co., 64,633 ft. creosoted bridge lumber, 1,708,400 ft. full sawn fir lumber, 7,100 ft. red cedar piling. M. H. Bryant, Fairfield, co. engr.

BRIDGE LUMBER—**Logan, Ia.**—Nov. 28, at office Auditor Harrison Co., 22 cars rough standard sawed fir bridge lumber, 6 cars creosoted yellow pine piling, 1 car creosoted yellow pine lumber, 3 cars Tennessee red cedar, and native burr oak piling. T. A. Cherry, Logan, co. engr.

PIPE—**Tulsa, Okla.**—Mayor and Comn. in market 18,000 ft. 2 in. galvanized iron pipe.

PIPE—**Sacramento, Calif.**—Nov. 21, by H. G. Denton, city clk., 1,610 lin.ft. 57 in. and 390 lin.ft. 60 in. centrifugally cast rein.-con. pipe, 1,710 lin.ft. 69 in. and 1,590 lin.ft. 78 in. precast rein.-con. pipe, for sewers in 18th and North B Sts. H. Clark, city engr.

Bids Received

PORTLAND CEMENT—**Milwaukee, Wis.**—Central Bd. Purchases, J. W. Nicholson, pur. agt., Nov. 7, 10,000 bbl. more or less portland cement, from Froemming Corp., Green Bay Ave. and Gruber St., at $2.53 per bbl. Noted Nov. 1.

Contracts Awarded

POST HYDRANTS—**Boston, Mass.**—Dpt. P. Wks., 50 post hydrants for Water Dpt., to McCulloch Mfg. Co., 200 Old Colony Ave., $4,687. Noted Oct. 25. Est. $5,000.

PIPE—**Detroit, Mich.**—Fire Dpt., 200 tons 12 in. c.i. pipe in 12 ft. lengths Bell and Spigot ends with and without lugs on ends, to U. S. Cast Iron Pipe & Fdry. Co., Burlington, N. J., $53 per ton without lugs, $73 per ton with lugs.

Foreign

China, Shanghai — National Reconstruction Bureau, Nanking, high power radio station, to Radio Corporation of America, Woolworth Bldg., New York. Est. $170,000.

Costa Rica—Government Costa Rico, San Jose, awarded contract constructing 135 mi. highways, to Simmons Constr. Corp., Charlotte, N. C. $3,000,000.

Egypt—Egyptian Government plans increasing height of Assuan Dam, 23 ft. $10,000,000. H. L. Cooper, hydraulic engr., 101 Park Ave., New York, is American member international commission.

See proposal advertising on page 127

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UNIT PRICES

Sewerage System—Star City, W. Va.

Twelve bids were opened by Town, June 29, installing sewerage system, difference between lowest and average, 23 per cent. Lowest four and highest bidders are: (A) Nero & Patrick Construction Co., Cleveland, O., (awarded contract); (B) Tri State Engineering Co., Morgantown; (C) B. M. Chaplin Co., Morgantown; (D) W. F. Kohler, 101 Richmond St., Huntington; (E) Euclid Sewer & Construction Co., Euclid, O. Lewis V. Carpenter, Mechanical Hall, Morgantown, engineer.

	A	B	C	D	E
8-in. Vitr. Clay Pipe					
4,389 ft. 0- 6 ft.	$0.75	$0.65	$0.45	$0.78	$1.35
6,353 ft. 6- 8 ft.	.75	.65	.55	.91	1.35
5,391 ft. 8-10 ft.	.75	.70	.85	1.11	2.35
2,539 ft. 10-12 ft.	.75	.75	1.25	1.31	2.85
1,205 ft. 12-14 ft.	.75	1.00	1.75	1.56	2.90
650 ft. 14-16 ft.	1.25	1.25	2.50	1.95	2.00
75 ft. 16-18 ft.	1.75	1.50	3.50	2.27	2.10
75 ft. 18-20 ft.	2.75	2.00	4.50	2.60	2.50
175 ft. 20-24 ft.	4.25	3.00	6.00	2.99	3.70
12-in. Vitr. Clay Pipe					
2,100 ft. 0-6 ft.	.50	.65	2.25	.98	3.40
60 ft. 6-8 ft.	.50	.65	2.50	1.20	3.40
60 ft. 8-in. c. i. sewer (unclassified)	1.00	3.00	2.00	.88	3.00
132 ft. 12-in. c. i. sewer (unclassified)	1.50	15.00	5.00	1.08	6.00
Furnishing pipe unloaded at station:					
19,400 lin.ft. 8-in. vitr. clay	.25	.22½	.19	.26	.32
2,160 ft. 12-in. vitr. clay	.50	.40	.36	.45	.60
705 pieces 8 x 6 in. Ys	1.00	1.85	1.60	1.04	1.35
132 ft. 8-in. cast iron	1.00	.....	1.40	2.90	1.50
60 ft. 12-in. cast iron	1.75	.....	2.40	3.90	2.00
52 cu.yd. conc.	16.00	18.00	20.00	20.00	28.00
50 cu.yd. gravel	3.00	7.00	5.00	5.00	4.00
62-4 ft. manholes, 0-6 ft. deep	70.00	80.00	40.00	55.00	100.00
132 ft. additional manholes	10.00	8.00	4.00	7.50	4.00
8 special manholes	60.00	70.00	50.00	50.00	100.00
8 lampholes	15.00	4.00	20.00	10.00	25.00
1 special manhole	20.00	6.00	25.00	10.00	40.00
1—20-in. connection box	20.00	10.00	5.00	5.00	10.00
1—24-in. vitr. clay sewer	10.00	10.00	5.00	7.50	10.00
Extra excavation	1.50	1.50	1.00	1.00	5.00
Totals	$32,304	$33,483	$35,077	$38,435	$61,629

Engineering News Record, Issue of November 15, 1928.

Bridge—Florida

State Road Department, Tallahassee, opened bids June 15, Caloosahatchie River Bridge on Road No. 5, Lee County; 8,141 ft. long, to consist of one double leaf 80 ft. clear channel bascule span, 4,350 lin.ft. conc. pile trestle, 3,711 ft. hydraulic fill approaches, 24 ft. roadway and two 4.5 ft. sidewalks. Lowest three and highest bidders are: (A) Central Station Equipment Co., Seybold Bldg., Miami, (awarded contract); (B) General Construction Co., Tampa; (C) W. S. Lockman Construction Co., West Palm Beach; (D) C. E. Roberts, Tampa. J. L. Cresap, highway engineer.

	A	B	C	D
3 acres clearing and grubbing	$266.00	$200.00	$125.00	$200.00
113,537 cu.yd. hydraulic excav.	.15	.25	.30	.24
346 cu.yd. Class "A" conc. (seal)	30.23	94.00	22.00	38.00
1,030 cu.yd. Class "A" conc. (substructure)	21.65	48.00	22.00	38.00
1,183.58 cu.yd. Class "A" conc. (substructure-pile bents)	20.80	22.00	21.00	28.00
7,175 cu.yd. Class "A" conc. (superstructure)	21.81	20.00	26.00	34.00
8,774 lin.ft. conc. handrail	1.40	2.00	2.10	4.00
2,597,854 lb. reinforcing steel	.044	.045	.042	.0475
4 M ft. b.m. treated structural timber 16 lb.	120.00	130.00	130.00	150.00
640 lin.ft. treated trestle piling 16 lb.	.95	2.00	2.00	1.50
7,455 lin.ft. untreated piling	.68	2.00	.65	.70
34,745 lin.ft. precast conc. piling	3.05	2.75	2.85	4.20
500 cu.yd. sand cement riprap	16.00	10.00	16.50	15.00
8,680 lin.ft. conc. sidewalk	1.95	1.00	2.40	3.30
Bascule span (complete)	36,125.90	39,000.00	41,750.00	39,873.00
Control house (complete)	497.00	600.00	600.00	870.00
Totals	$532,015	$580,527	$580,815	$745,401

Engineering News-Record, Issue of November 15, 1928.

Pier—Long Beach, Calif.

Seven bids were opened by City, Aug. 3, stone, rubble mound pleasure pier, auditorium fill and appurtenant work on ocean front, difference between lowest and average, 8 per cent. Pier will be 3,700 ft. long, 36 ft. wide, with two 19 ft. 4 in. driveways of 5 in. asphaltic concrete, provided for two-way traffic. Will be flanked with wooden pier requiring 1,800 creosoted piles with 16 in. butt minimum placed 5 ft. 6 in. apart. Bidders are: (A) Hauser Construction Co., Security Bldg., (awarded contract); (B) Ross Construction Co.; (C) Twohy Bros. & Shea; (D) Butte Construction Co.; (E) Kern & Kibbe; (F) C. J. Kubach; (G) Mittry Bros. Co. W. R. Fleming, director Public Service.

	A		B		C		D		E		F		G	
	1-a	1-b	1-a	1-b	1-a	1-b	1-a	1-b	1-a	1-b	1-a	1-b	1-a	1-b
Pier enrockment, 296,000 tons: (a) 625 tons daily first month; 1,250 tons thereafter for 130 days; balance as contractor desires; (b) 1,000 tons daily first month; 2,000 tons thereafter for 130 days, balance as contractor desires	$1.60	$1.60	$1.40	$1.44	$1.38	$1.43	$1.18	$1.18	$1.65	$1.65	$1.60	$1.60	$1.50	$1.50
Pier trestle complete	270,000.00		315,000.00		345,000.00		351,960.00		332,595.00		374,854.00		393,000.00	
Retaining bulkhead complete	120,000.00		162,000.00		143,750.00		156,800.00		163,322.00		161,256.00		157,000.00	
219,000 cu.yd. hydraulic fill (within and outside bulkhead)	.44		.45		.437		.62		.60		.64		.675	
30 culverts in place in pier enrockment, bid per culvert	300.00		660.00		330.00		445.00		500.00		476.00		400.00	
Totals	$959,960		$989,950		$992,933		$993,820		$1,115,717		$1,122,870		$1,141,825	

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